

AD-A146 133

EASTERN-WESTERN ARCTIC SEA ICE ANALYSIS 1983(U) NAVAL
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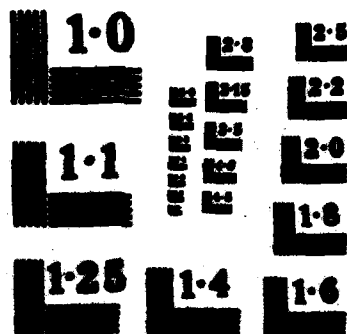
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UNCLASSIFIED

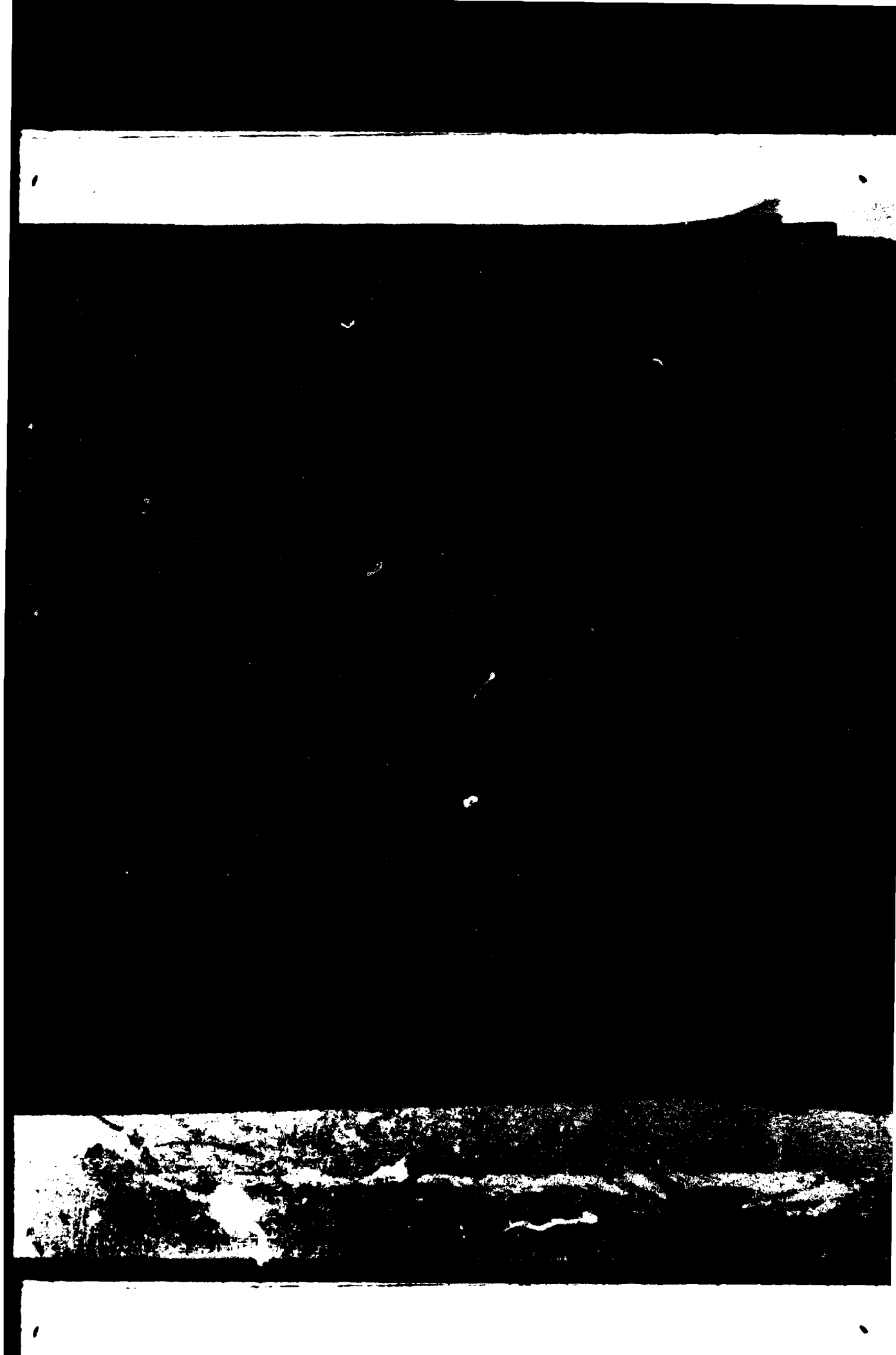
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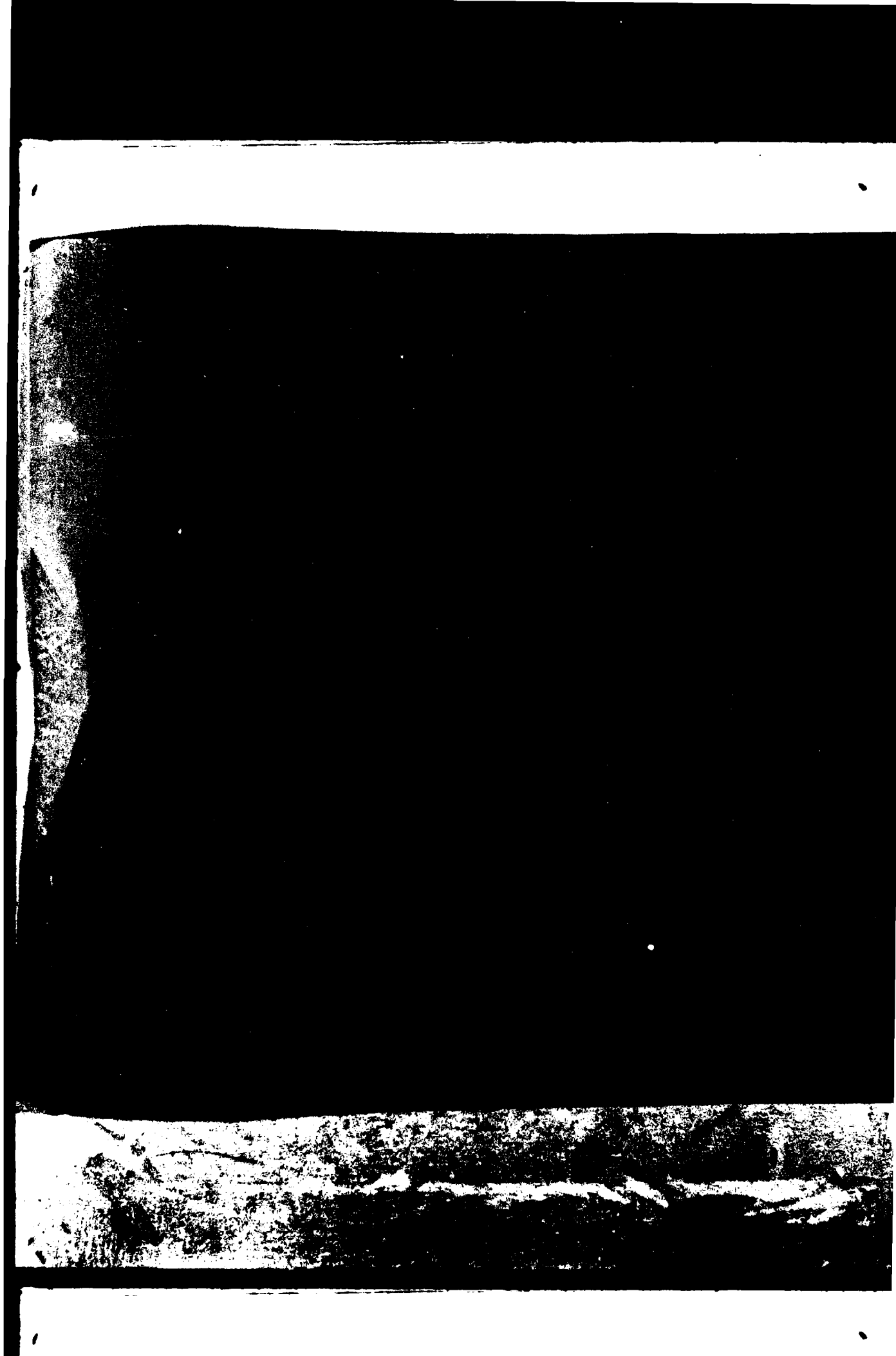
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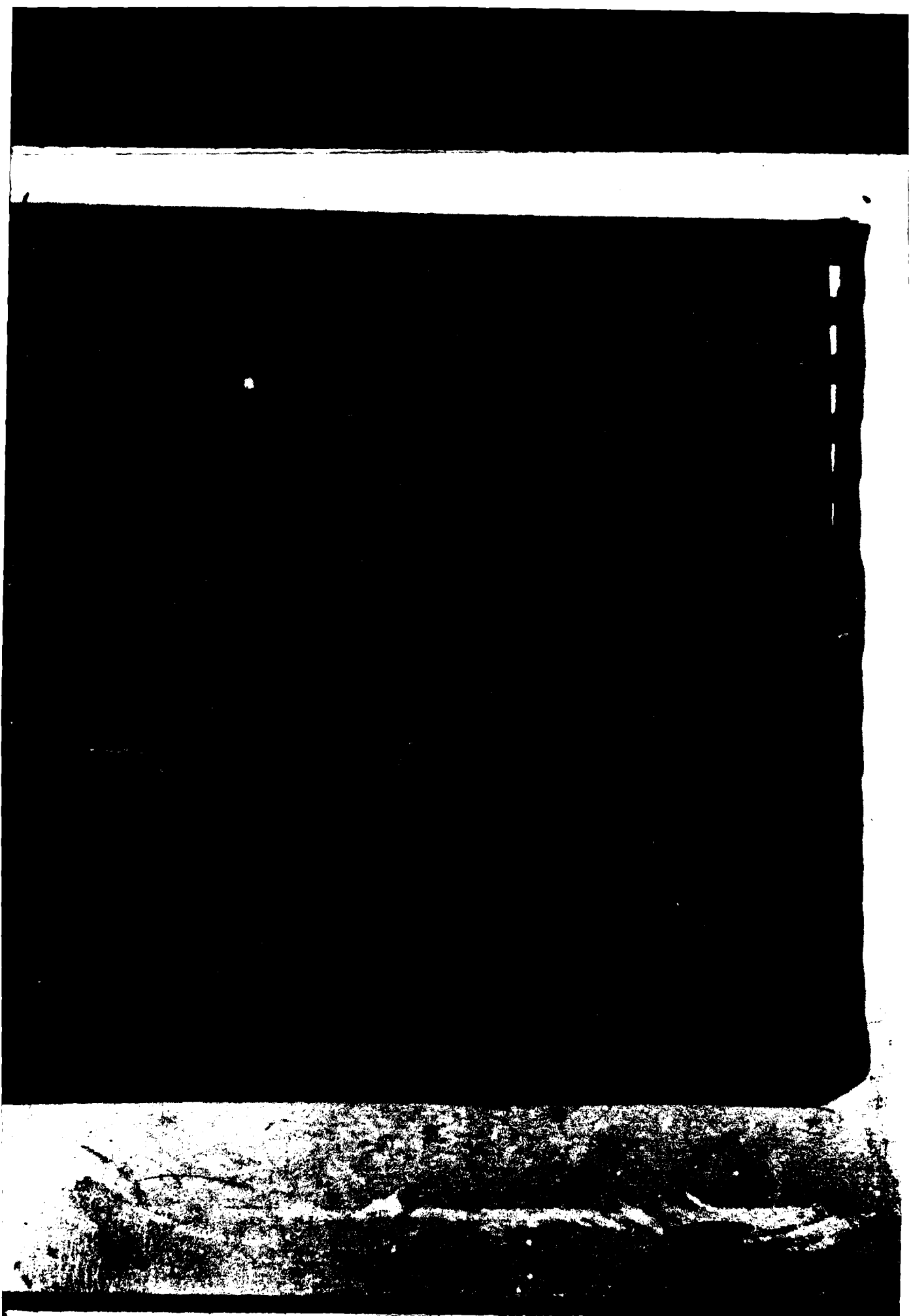


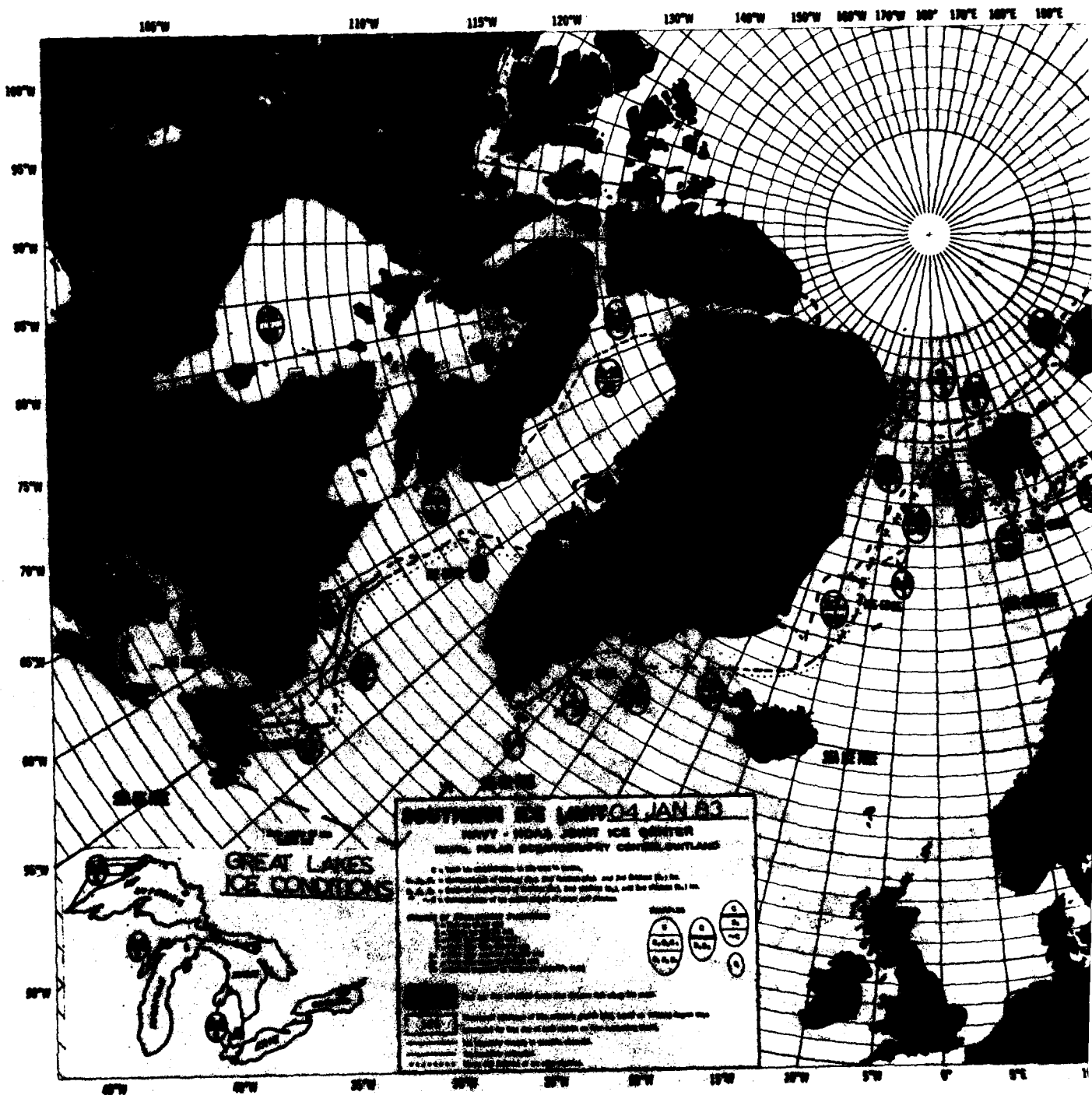


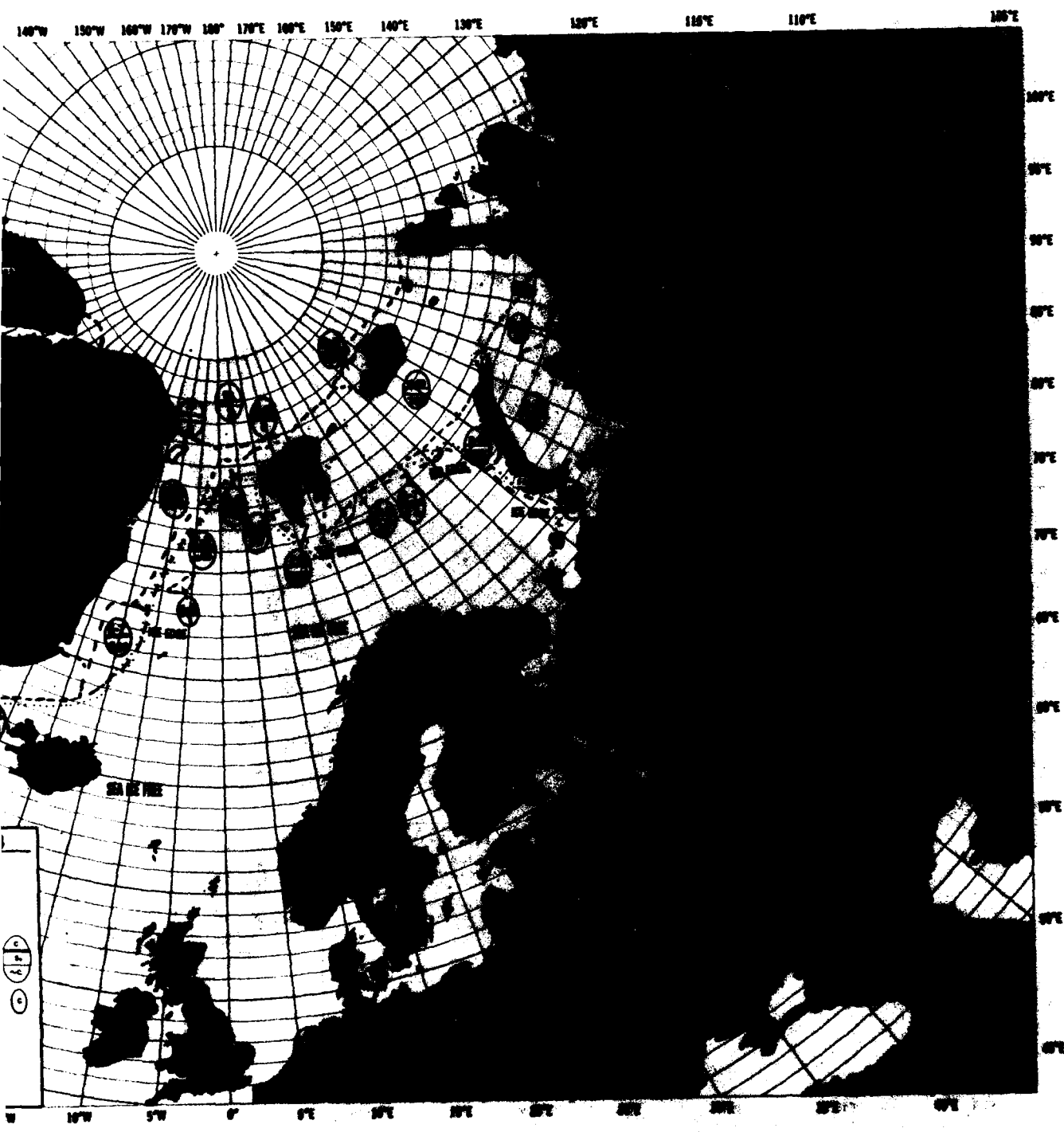
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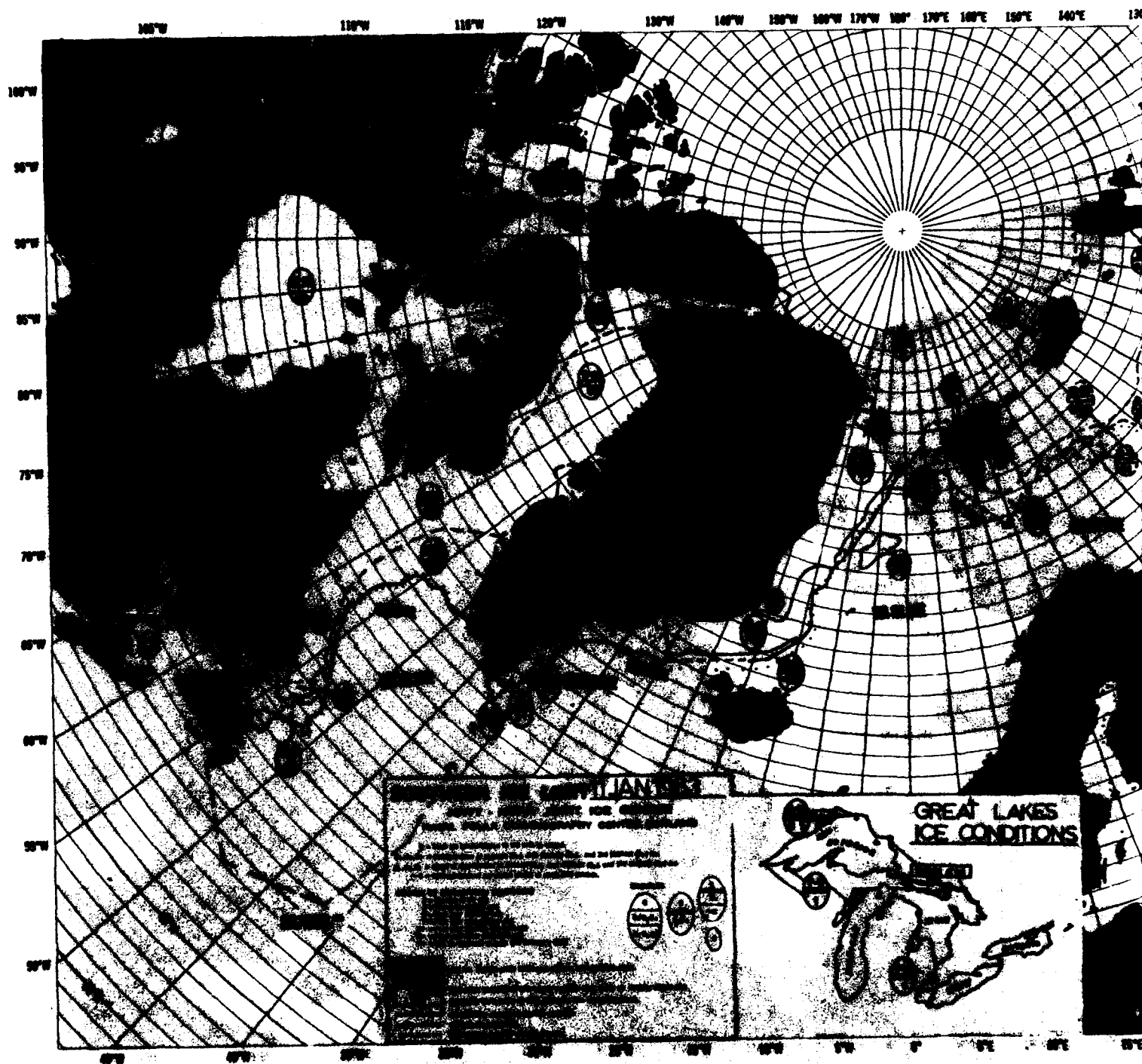


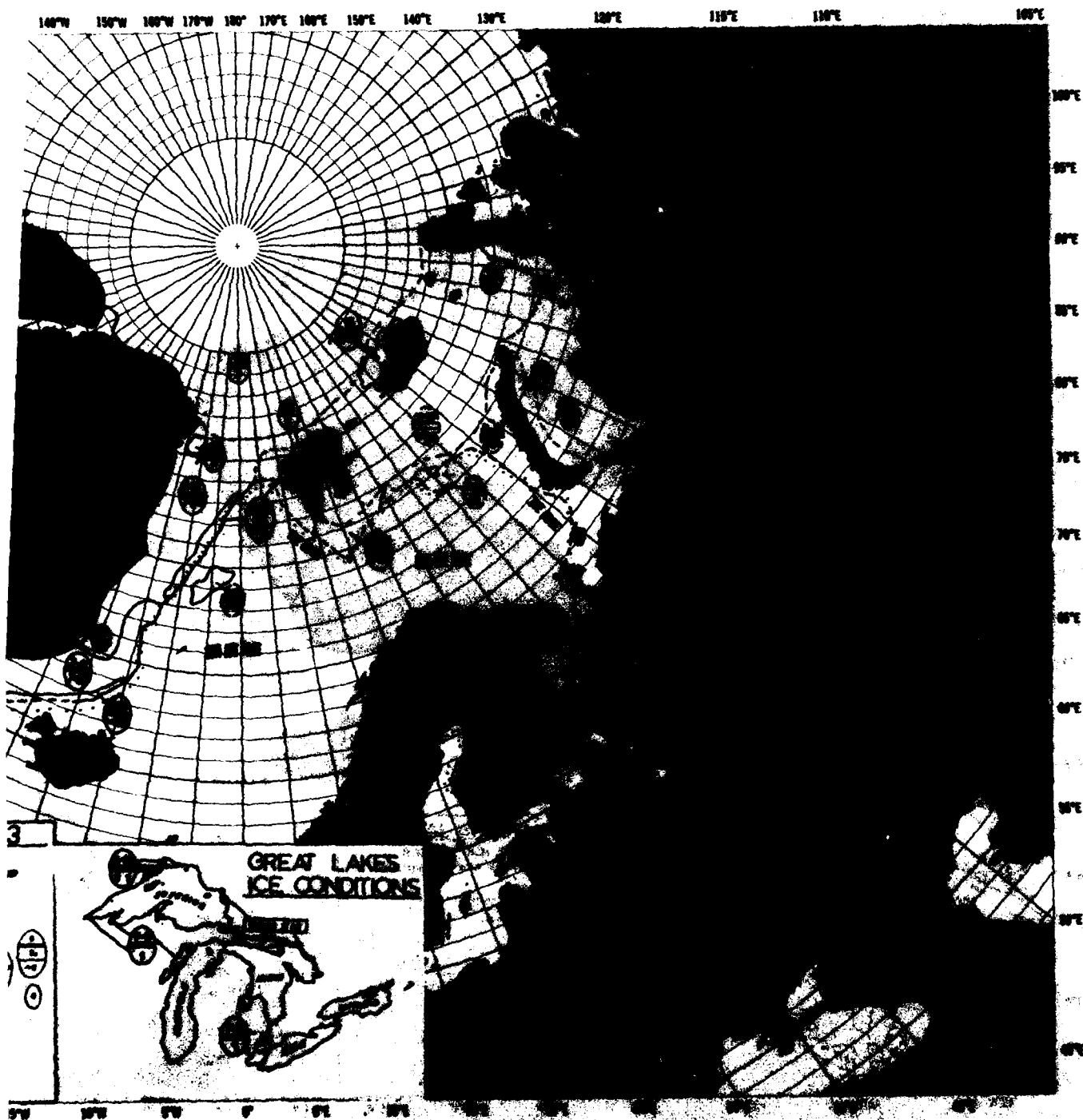


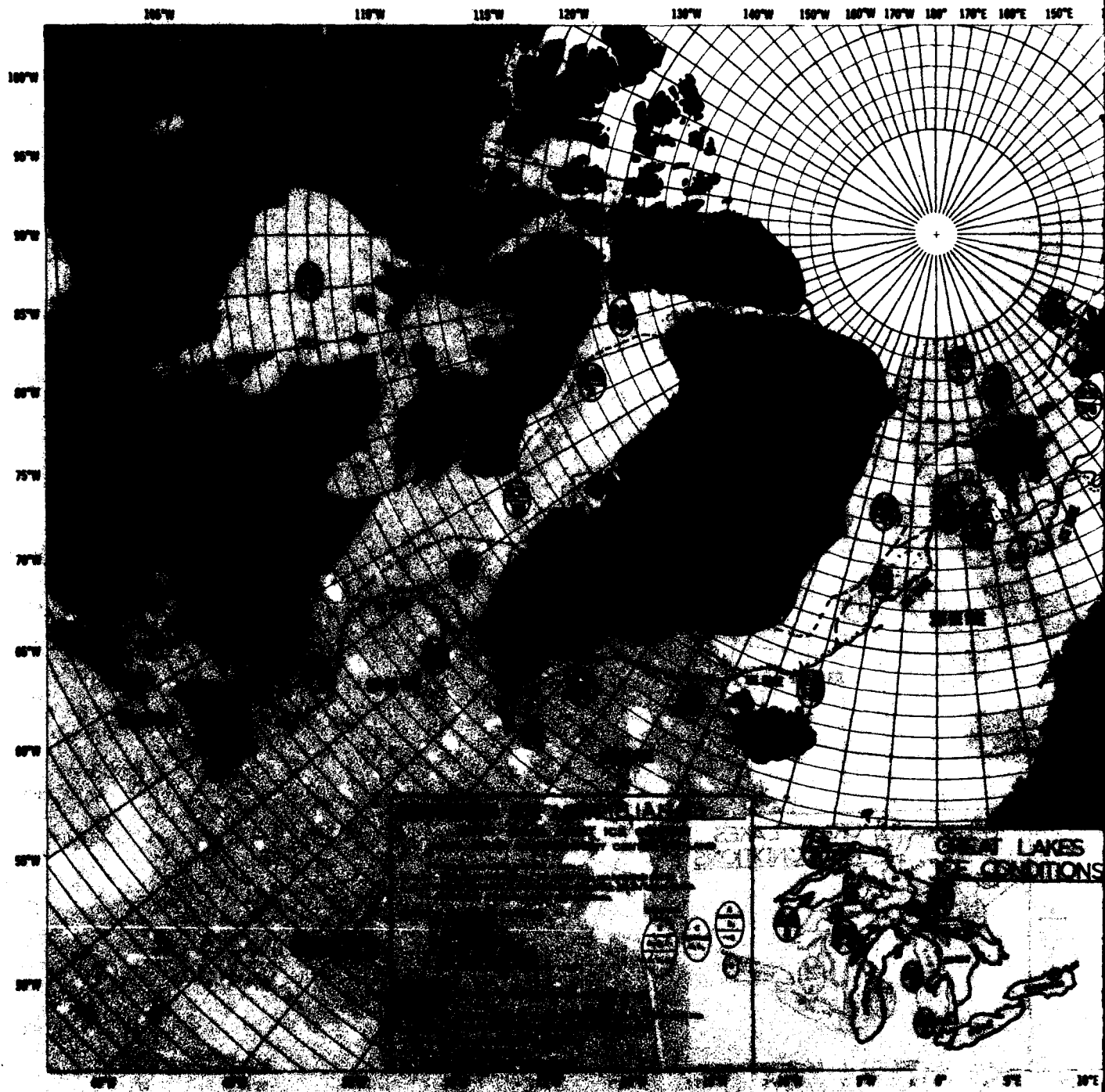


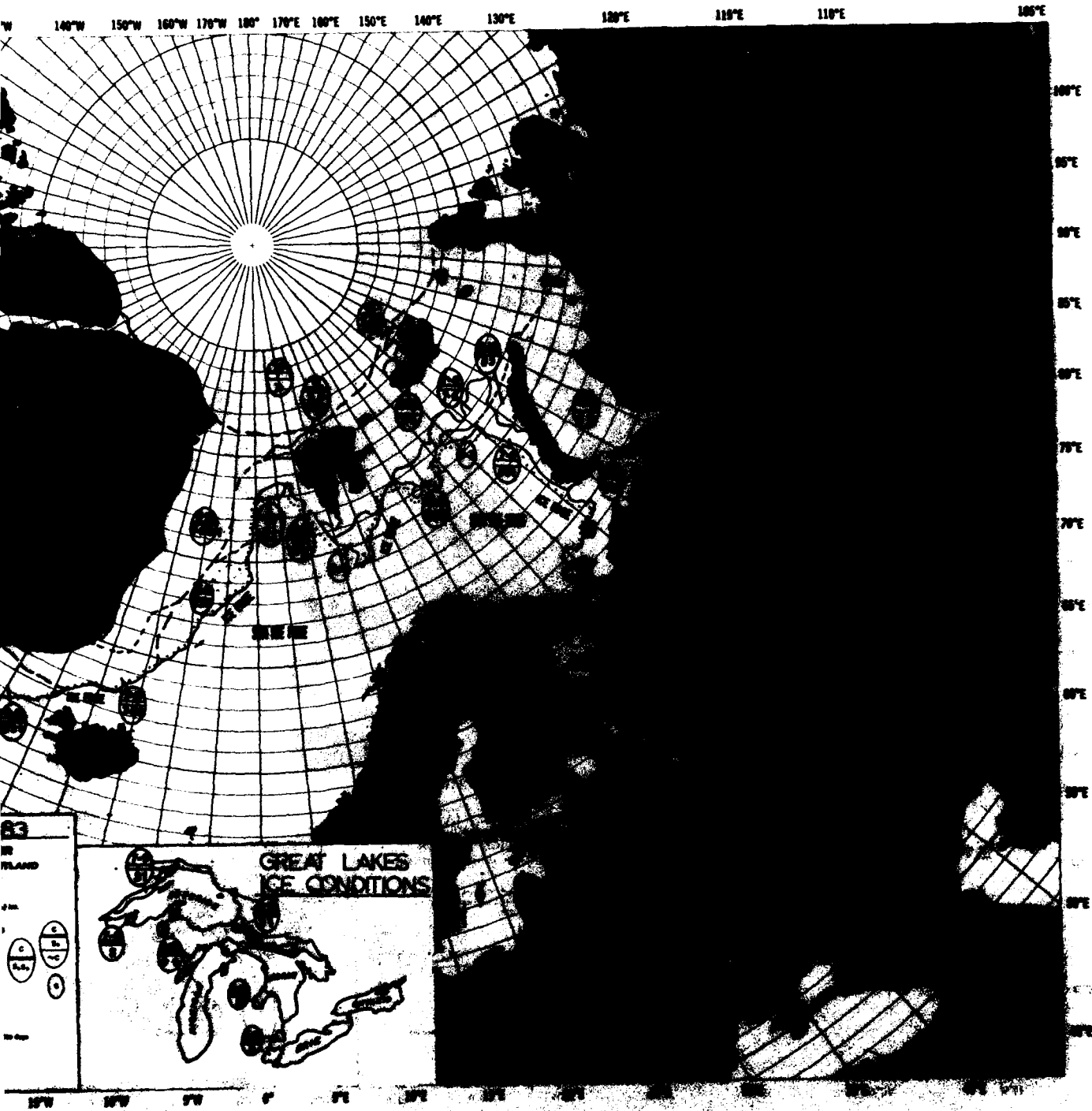


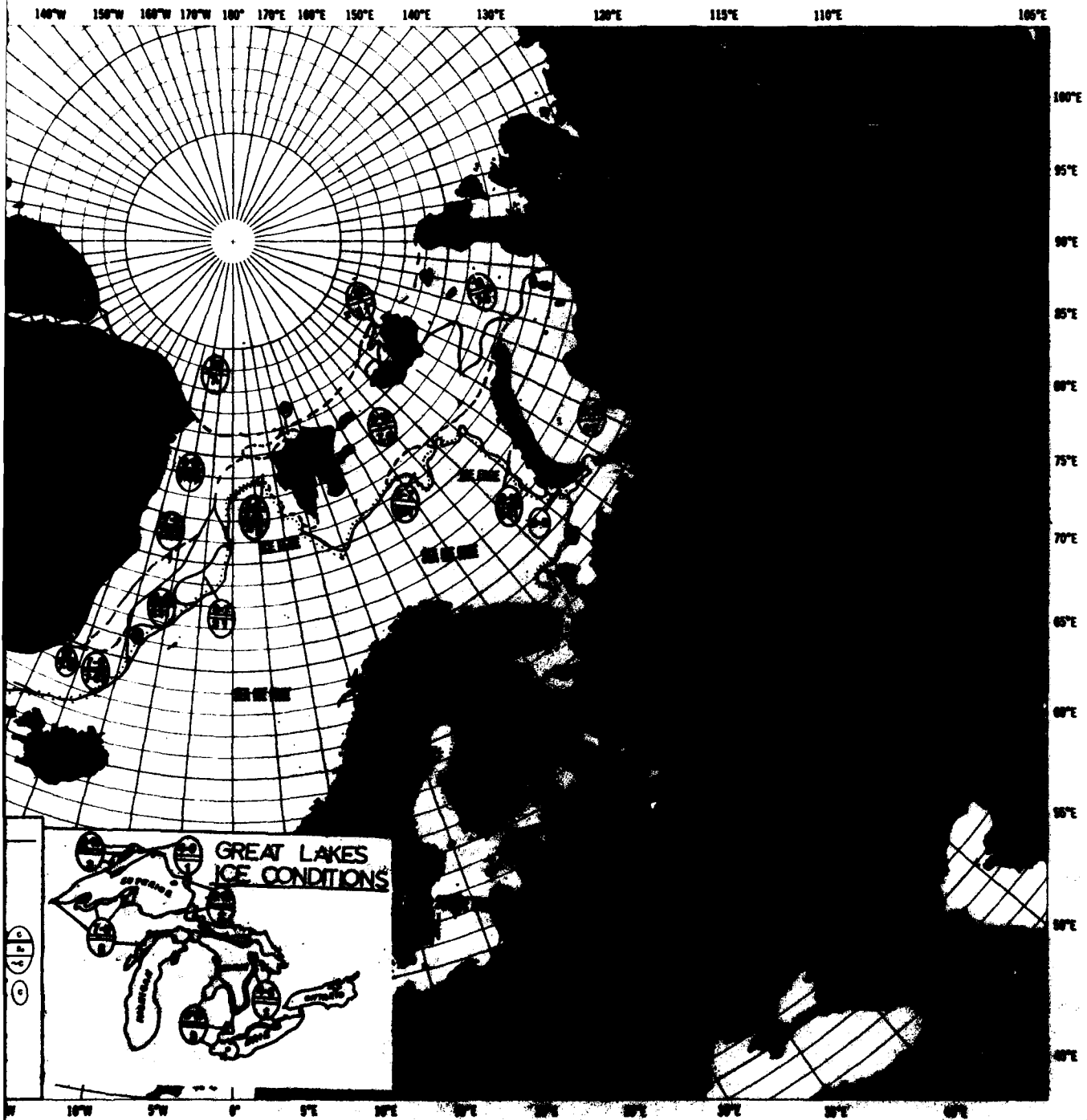


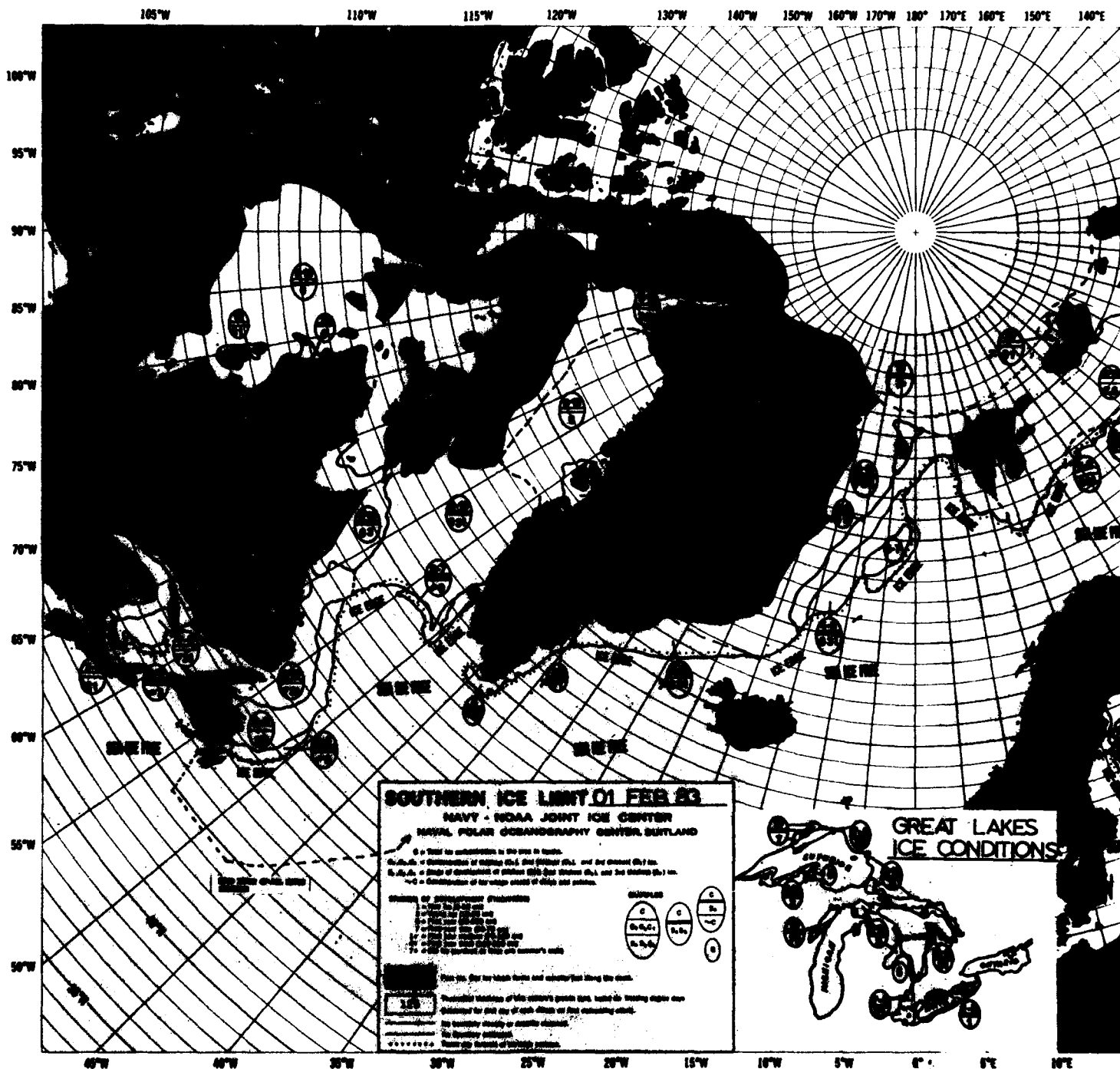


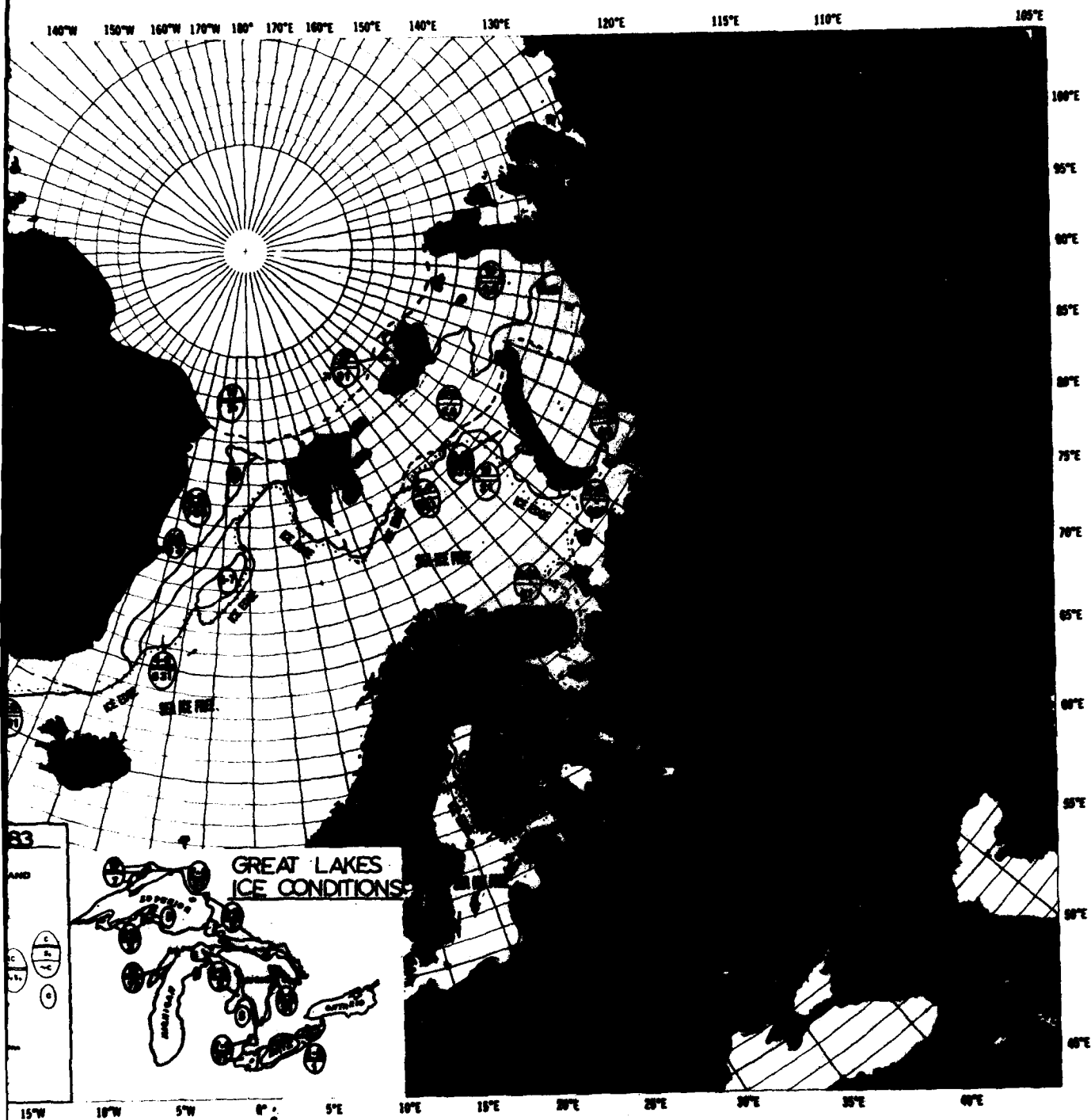


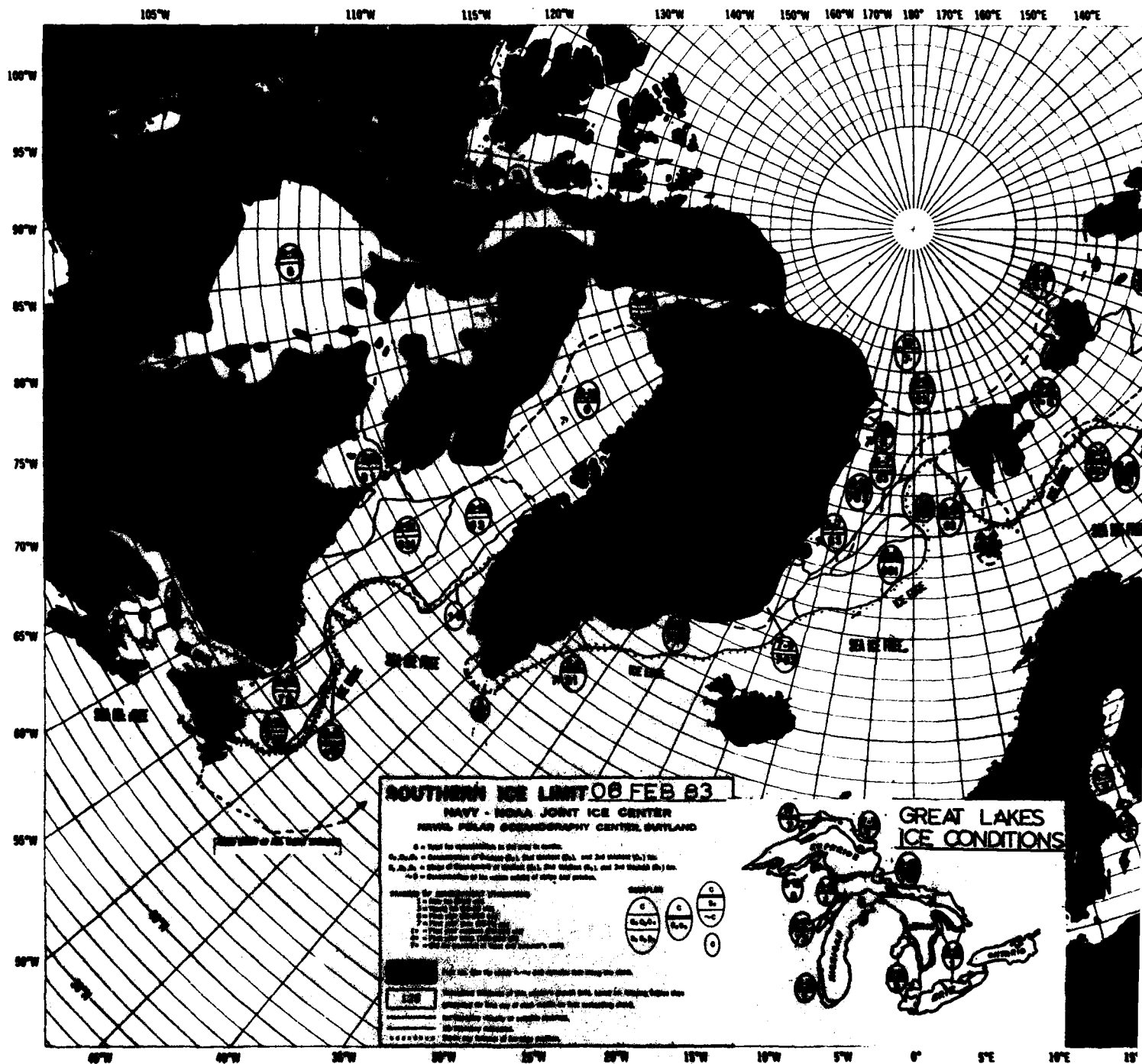


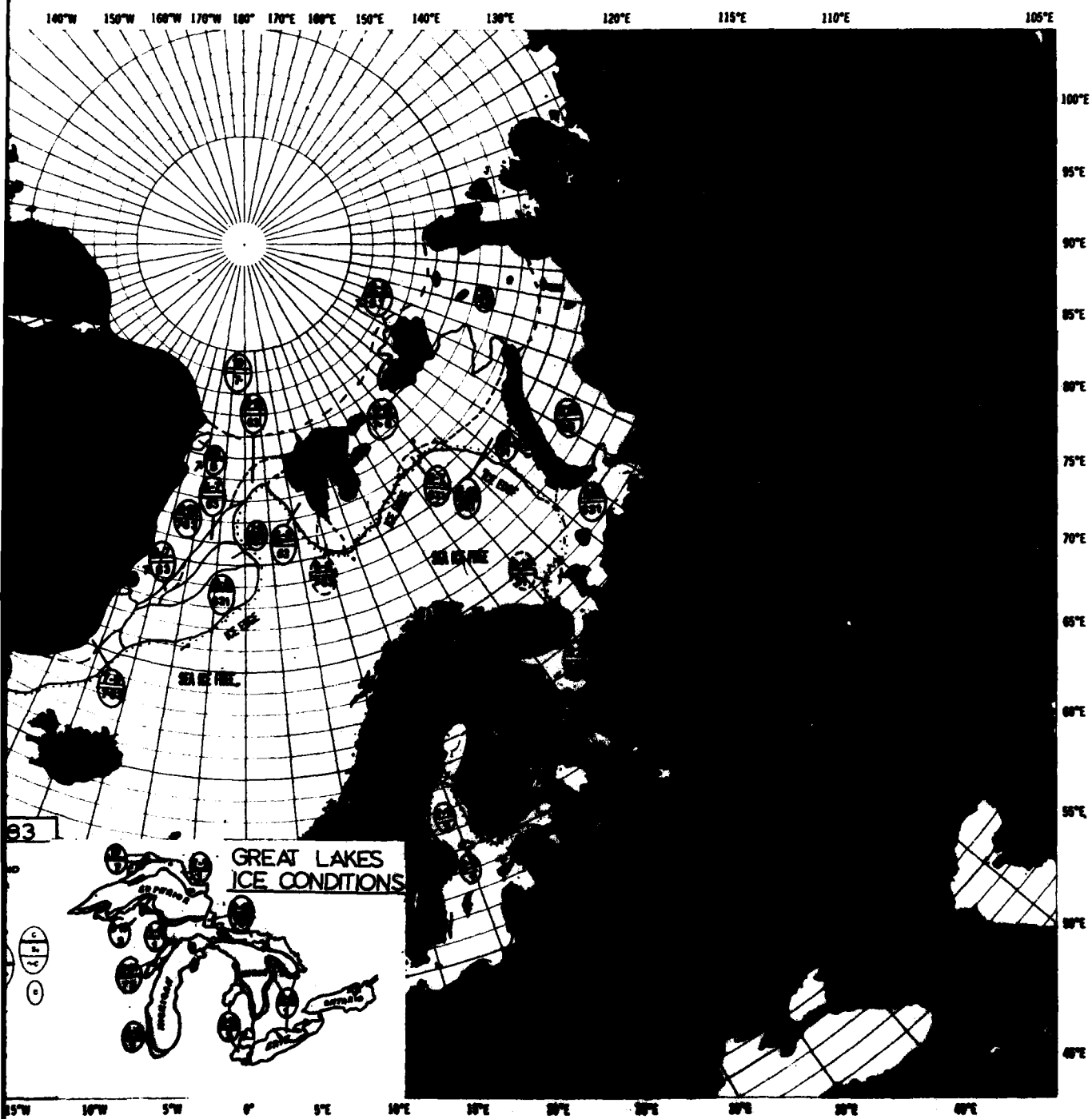


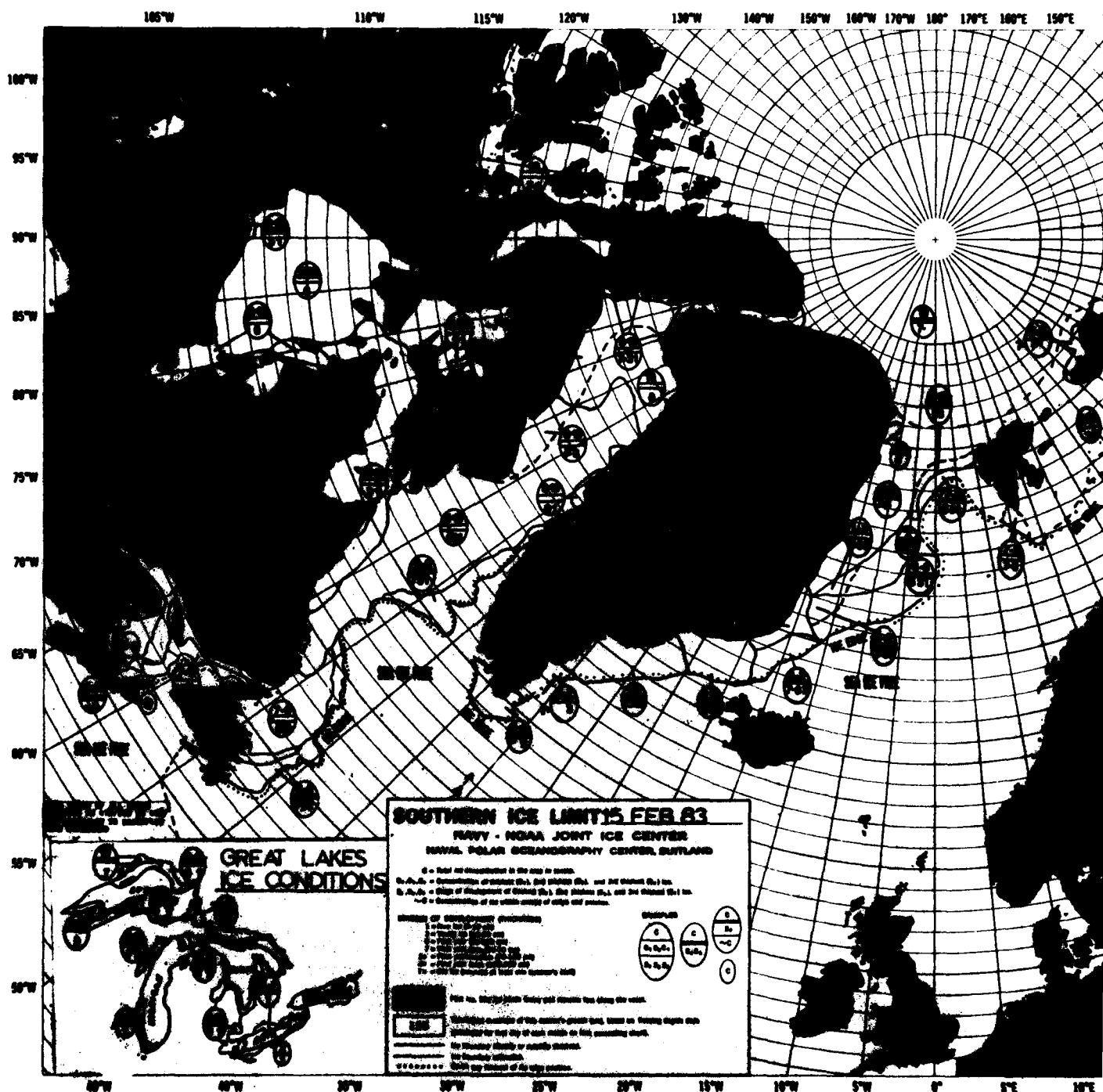


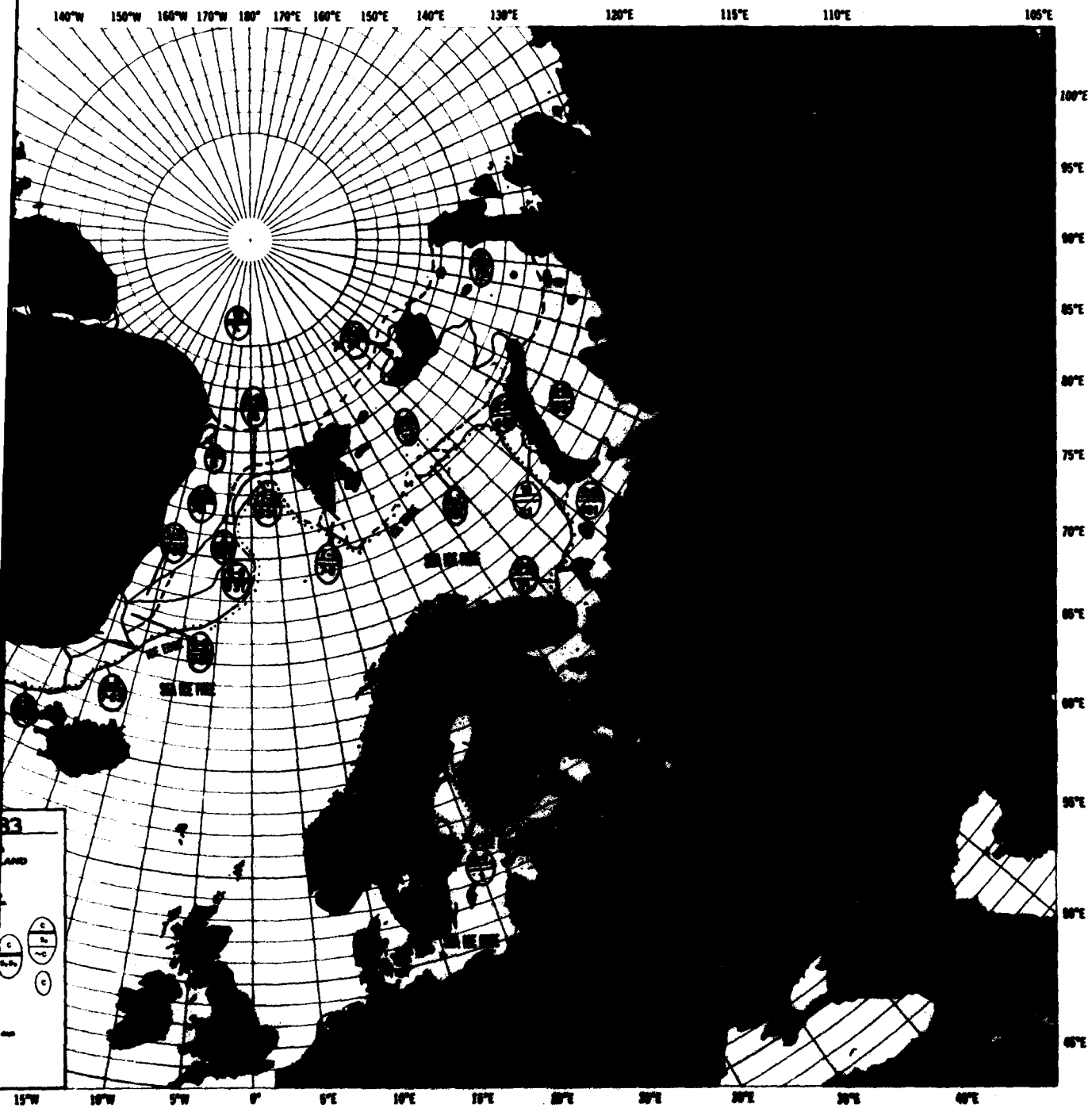


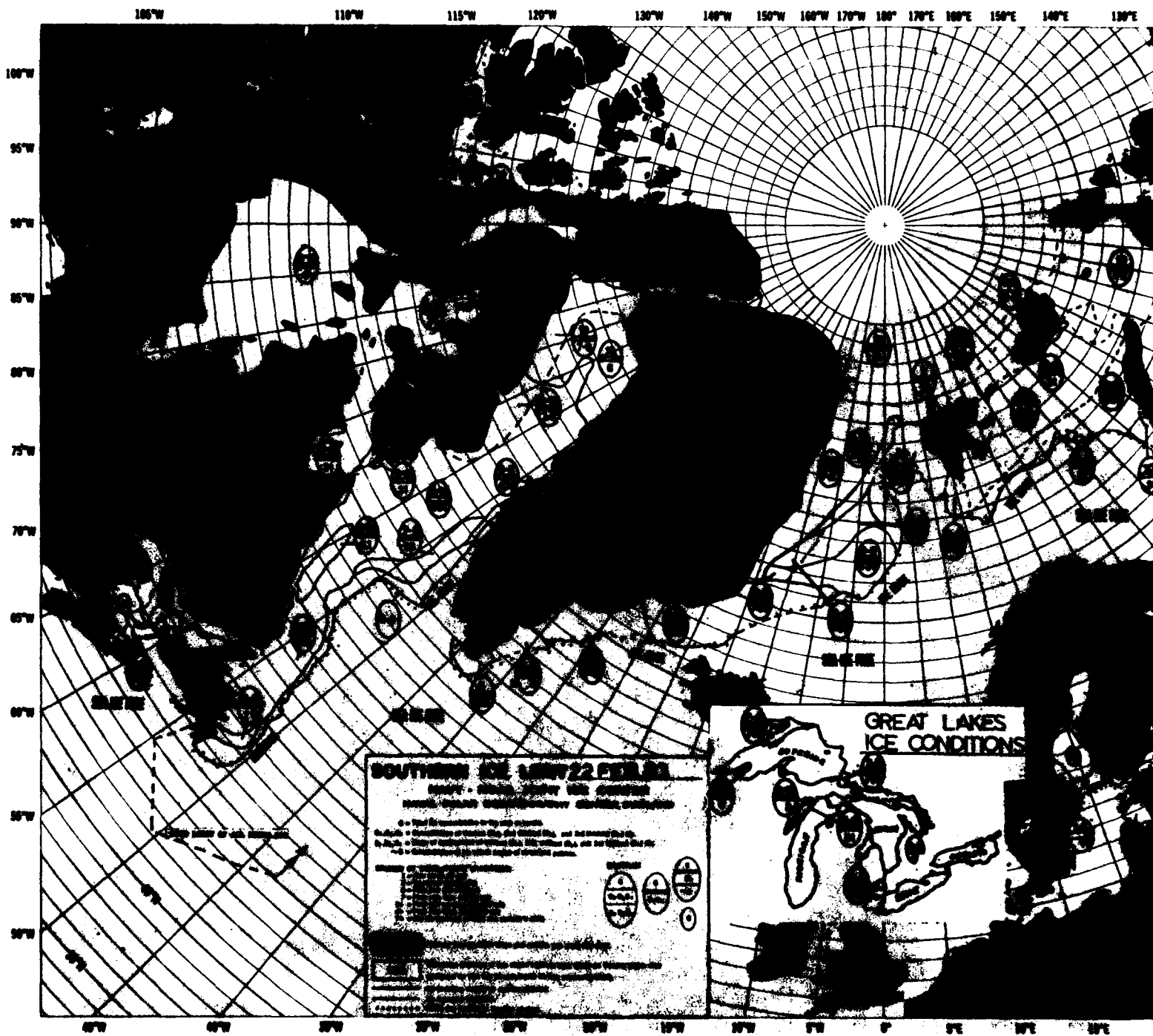


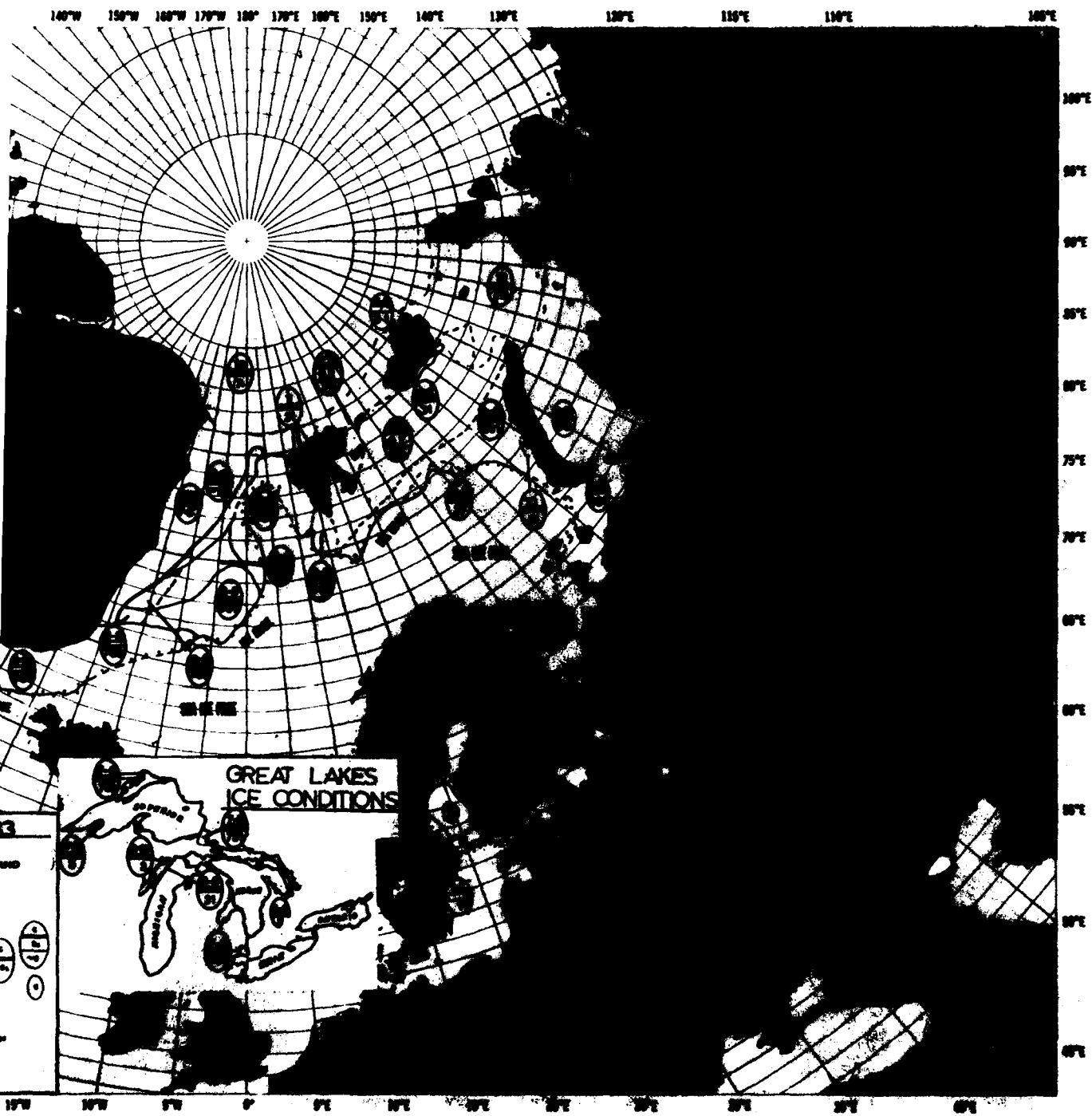




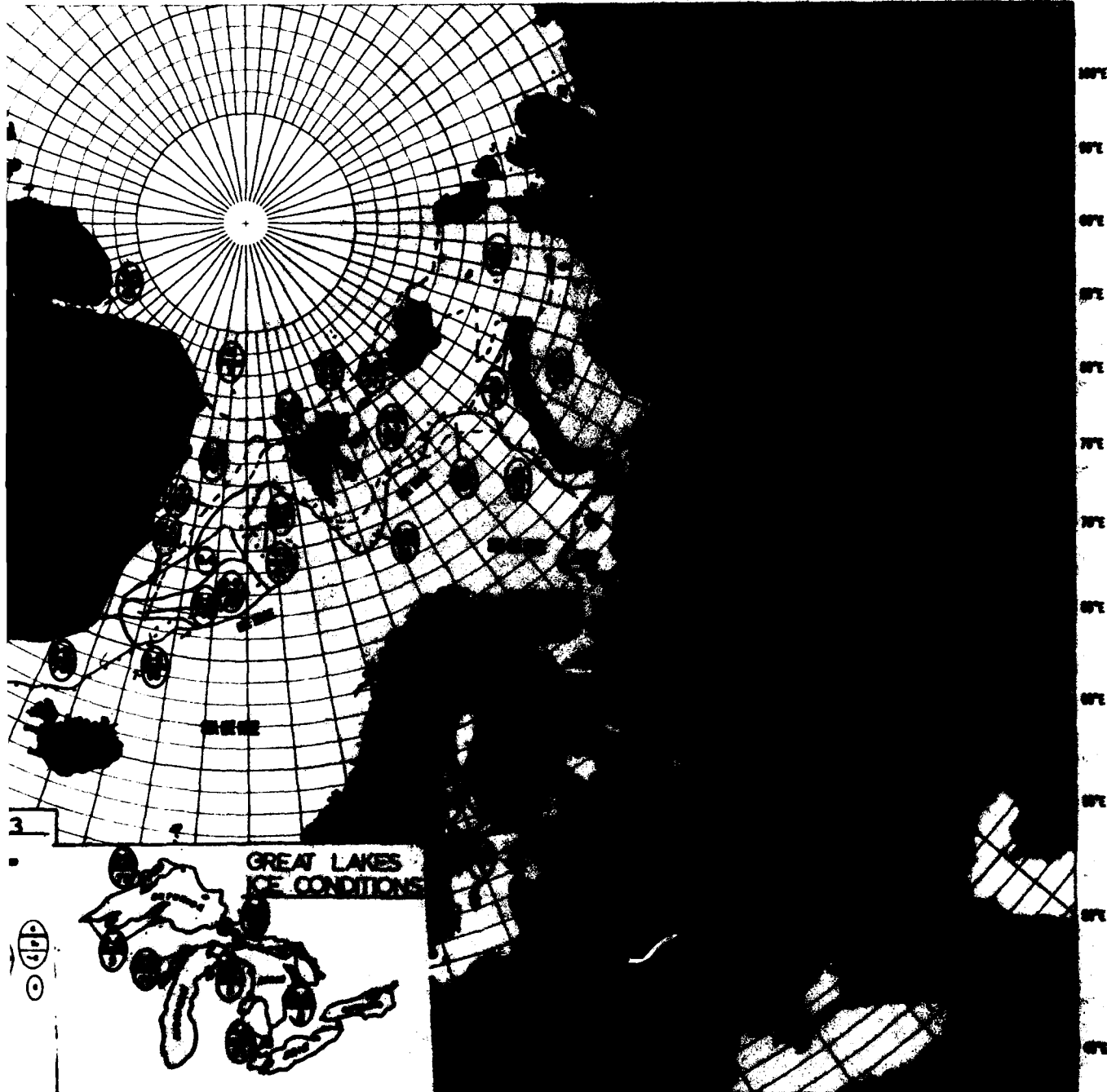






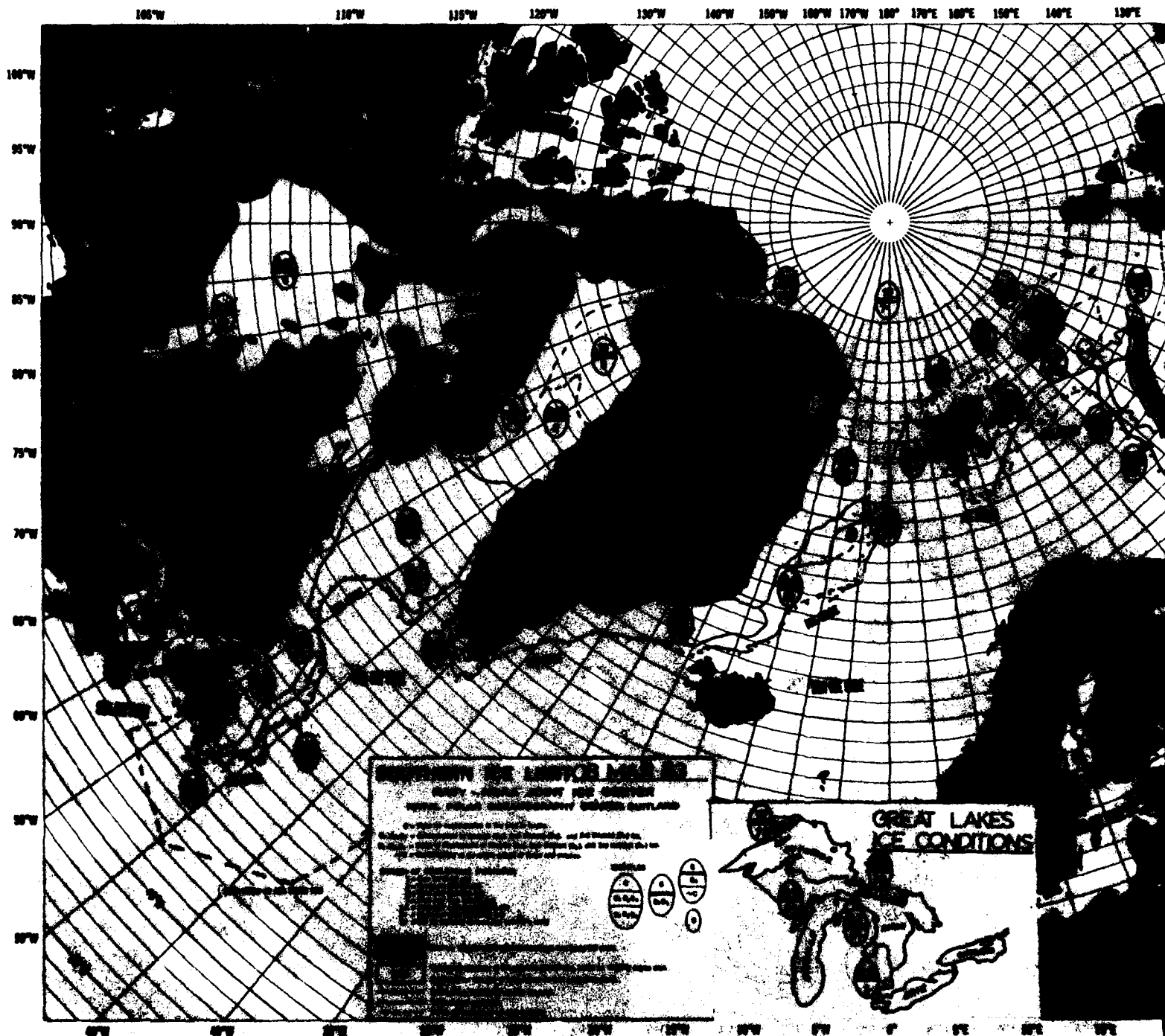


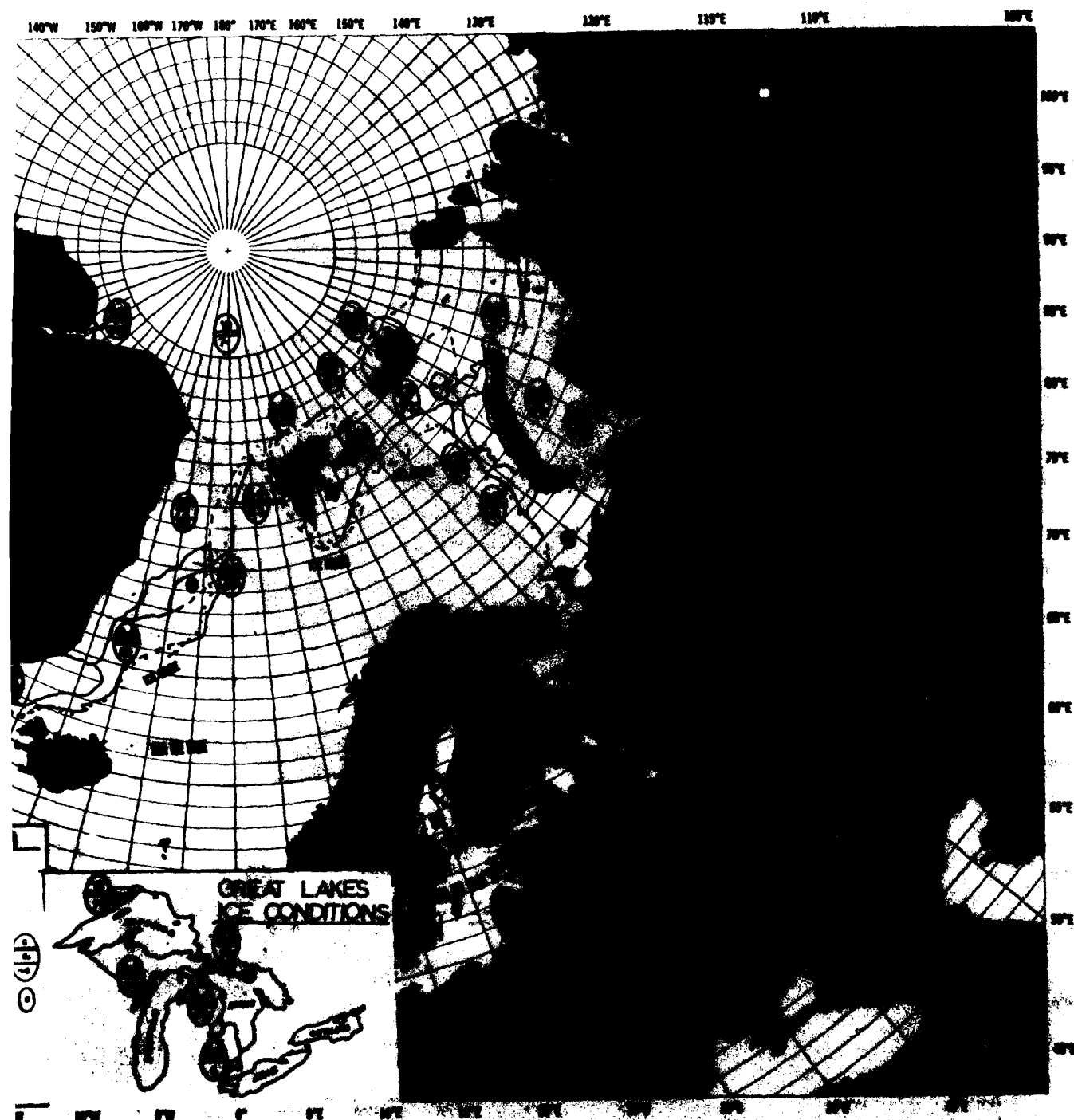
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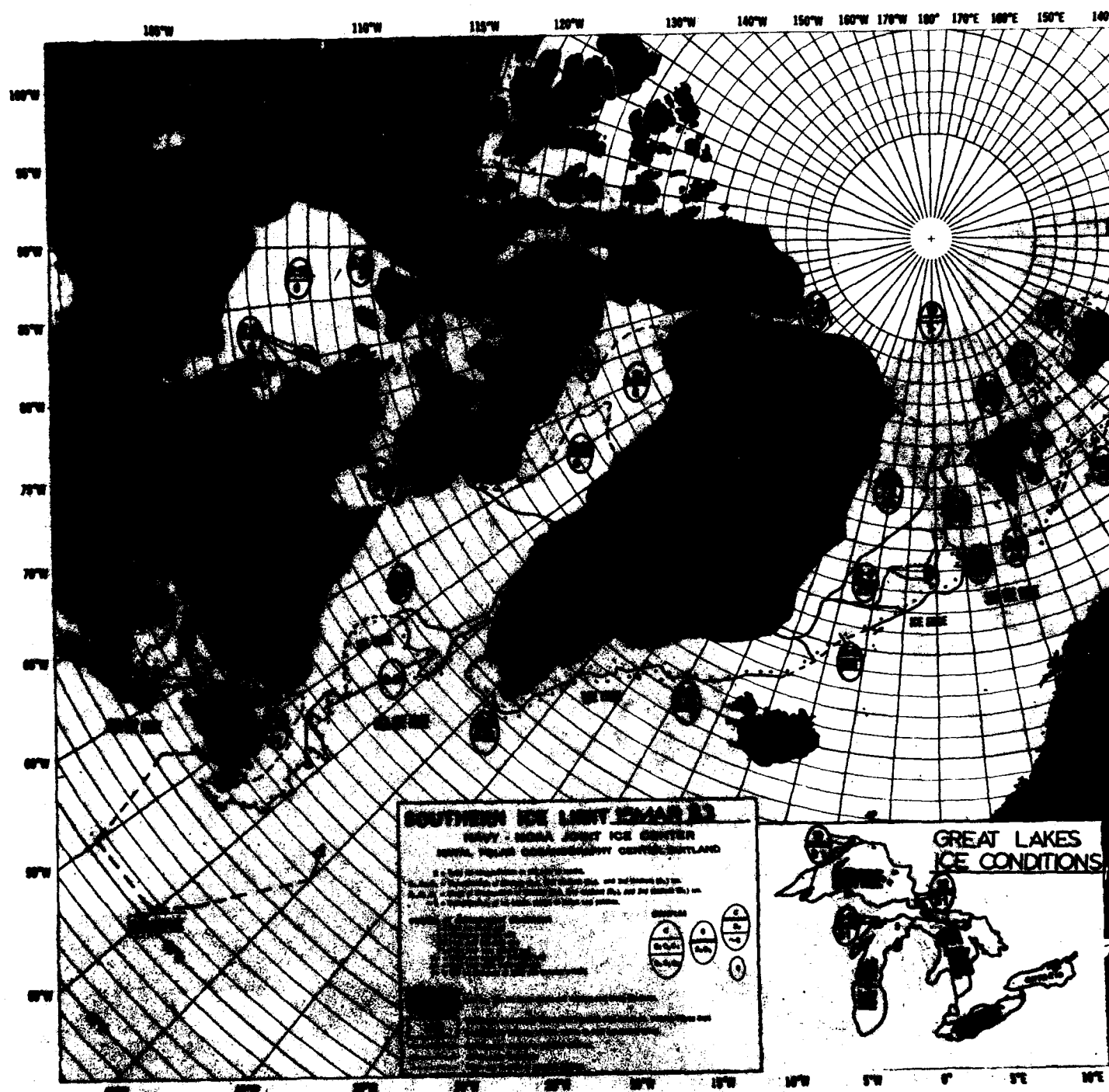


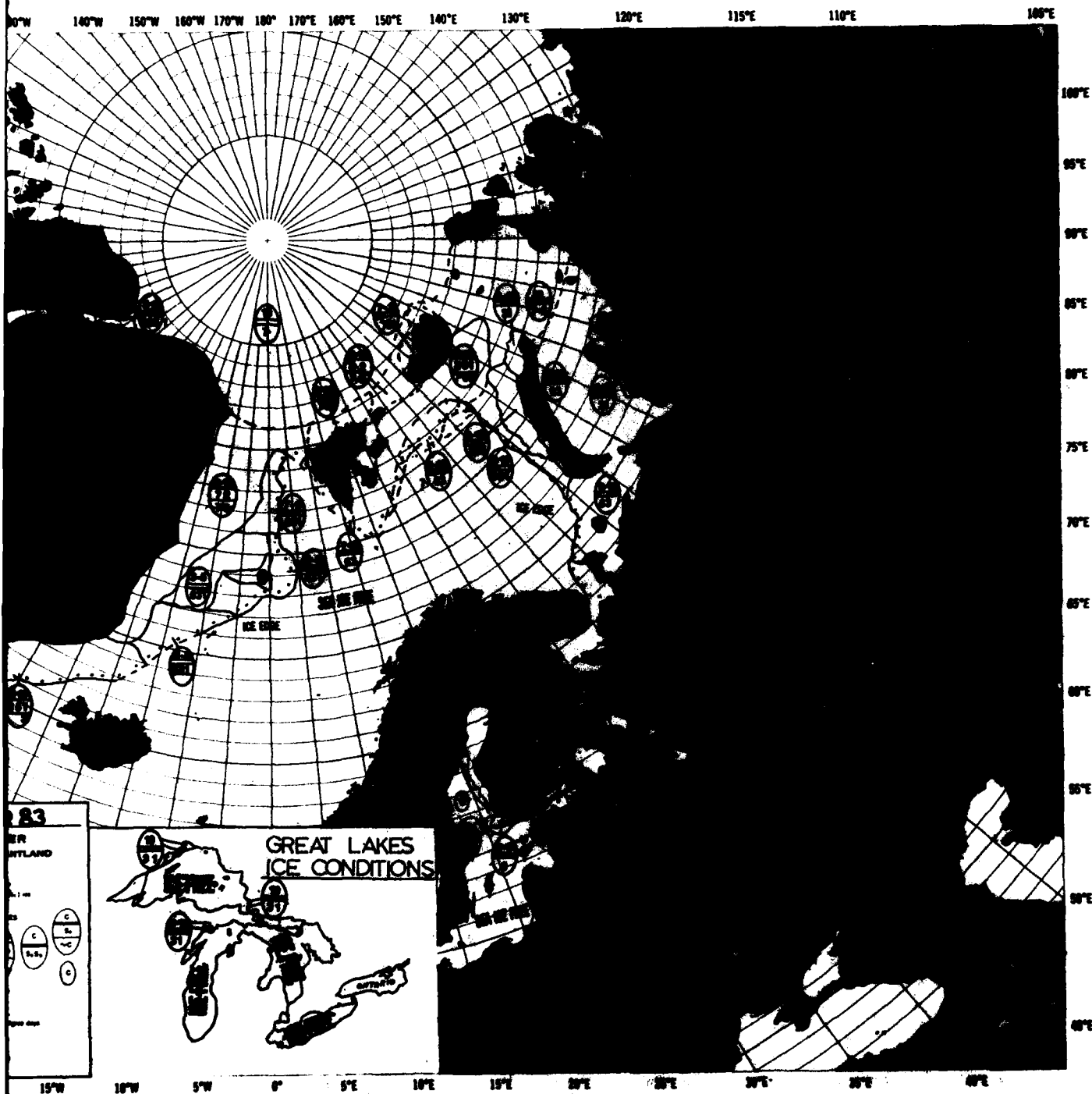
GREAT LAKES
ICE CONDITIONS

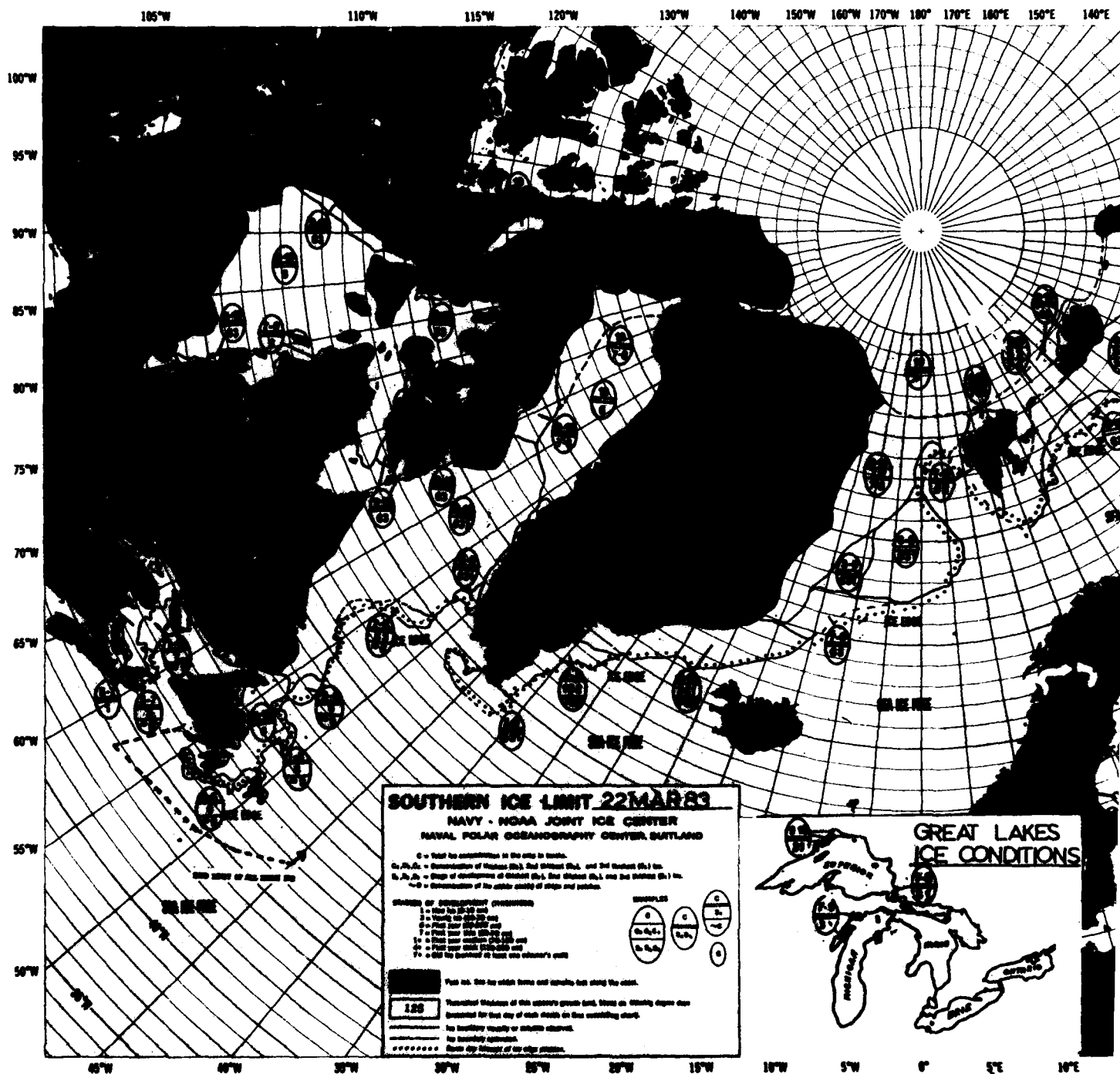
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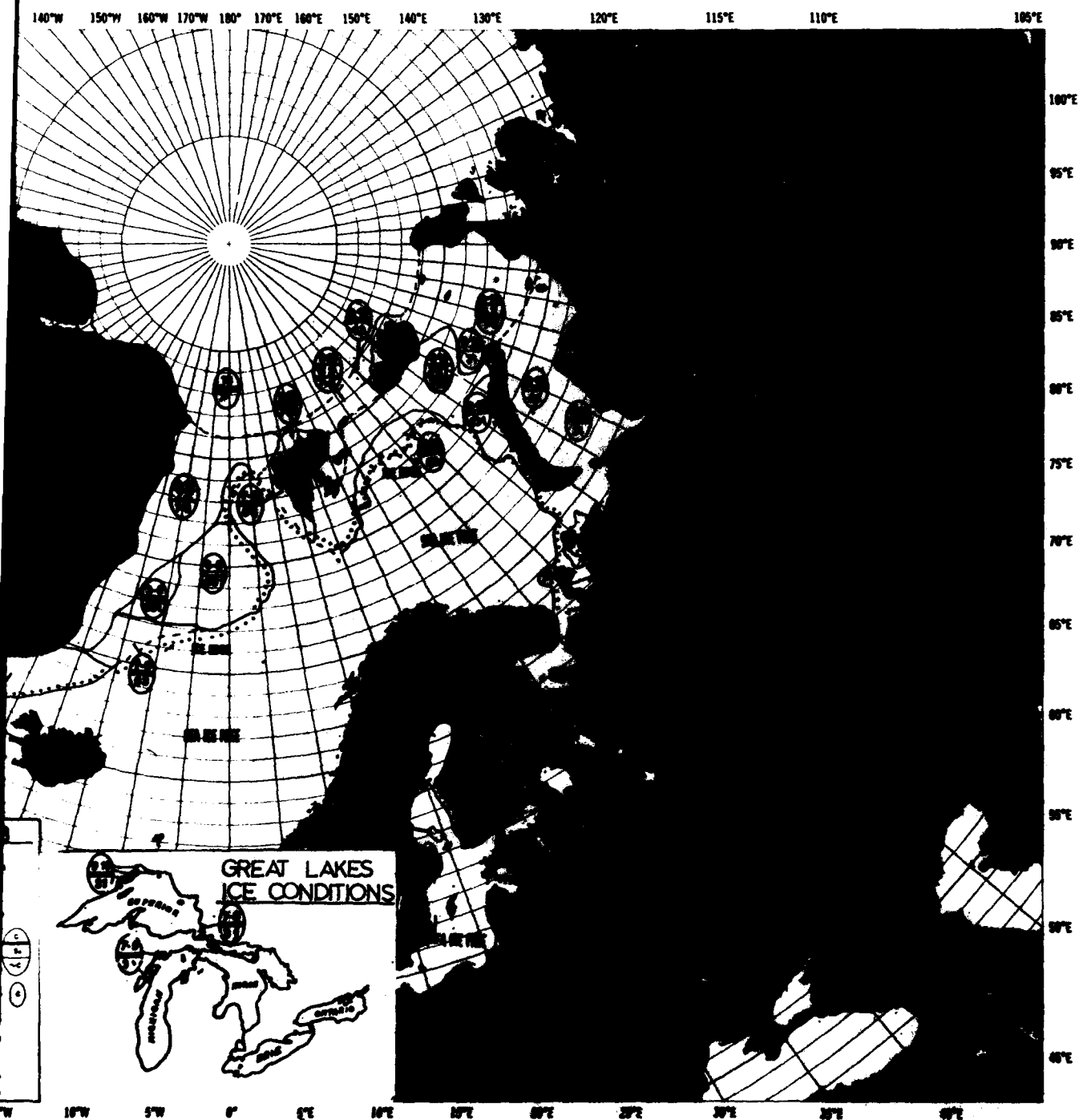


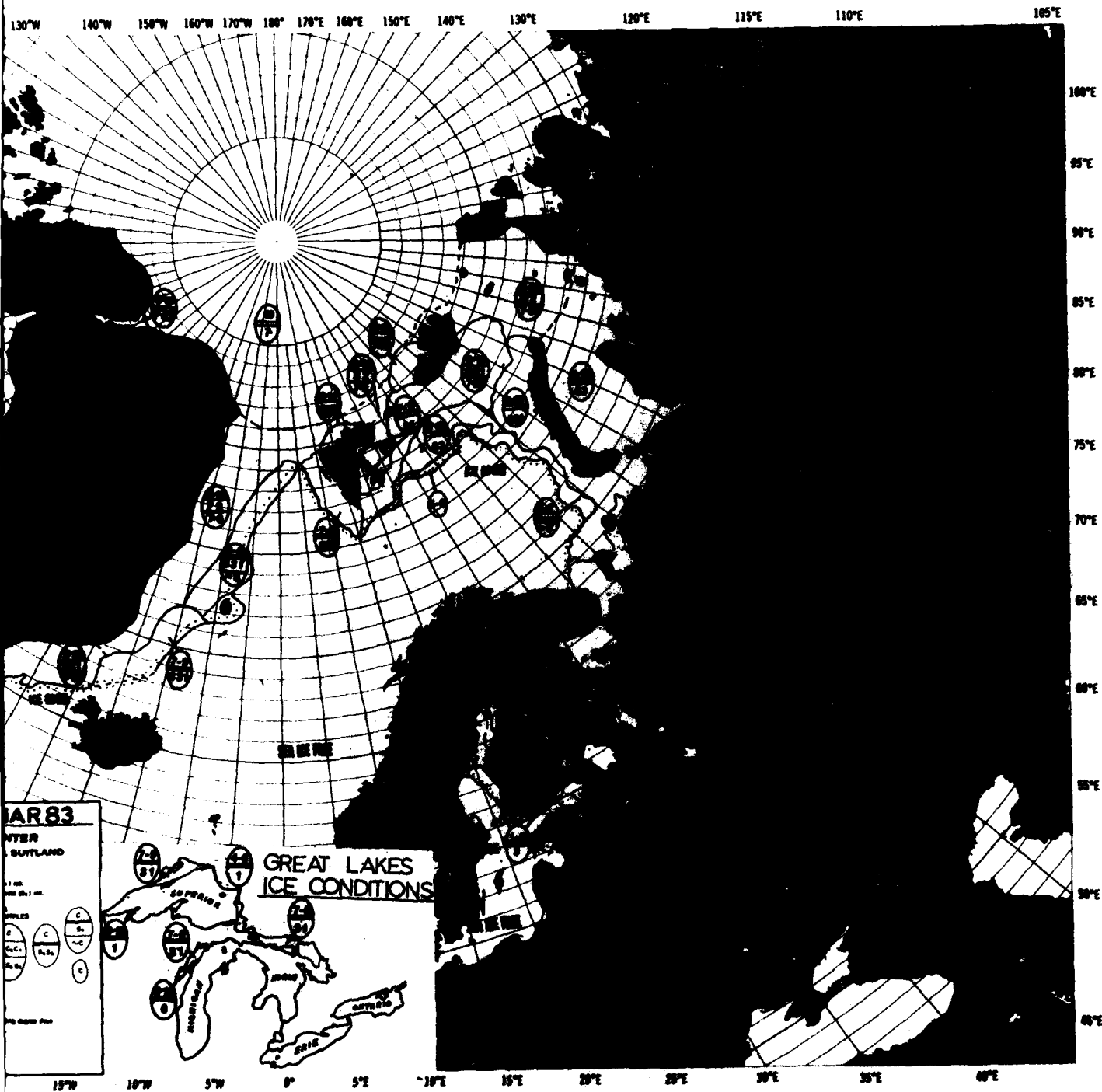


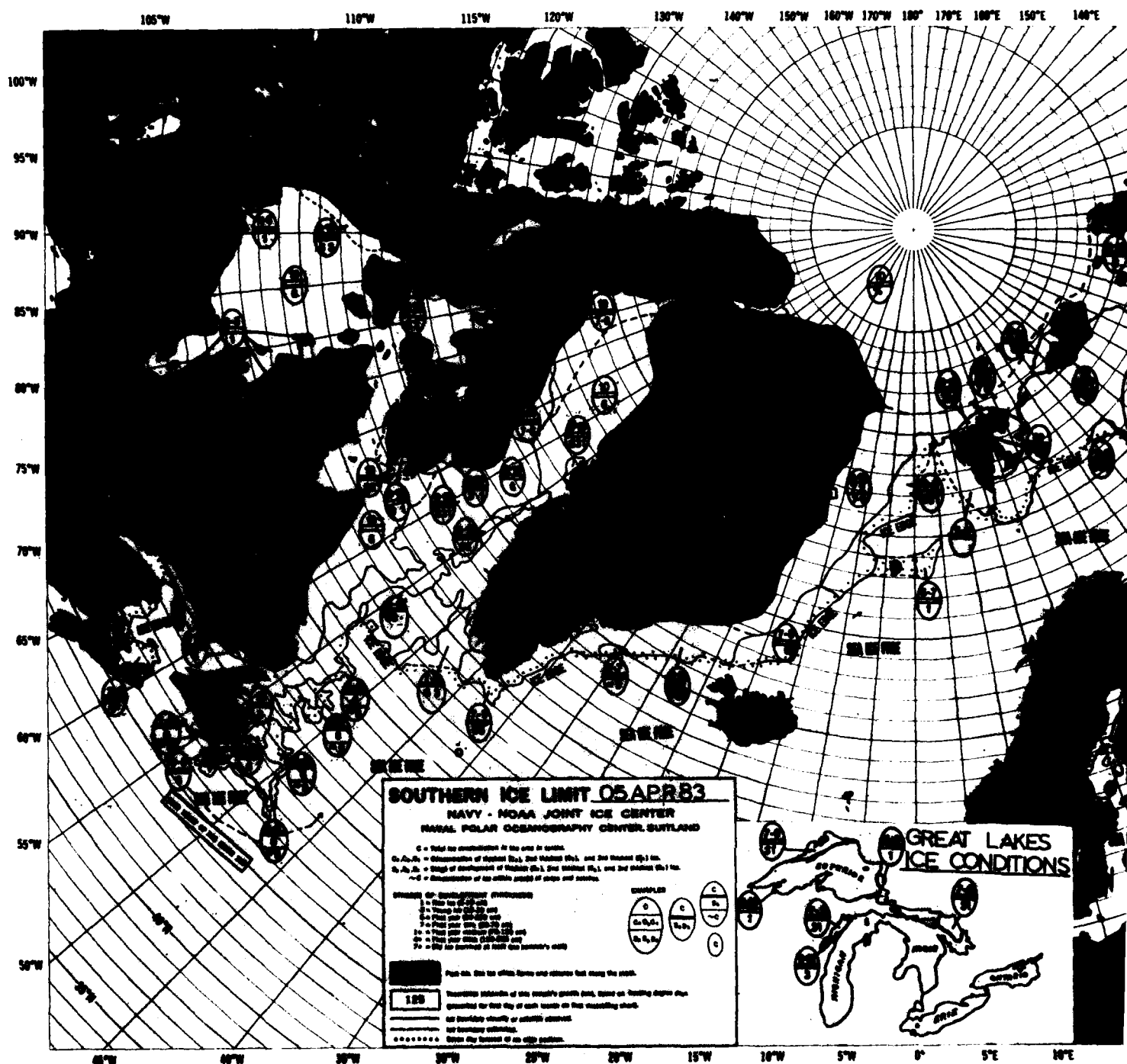


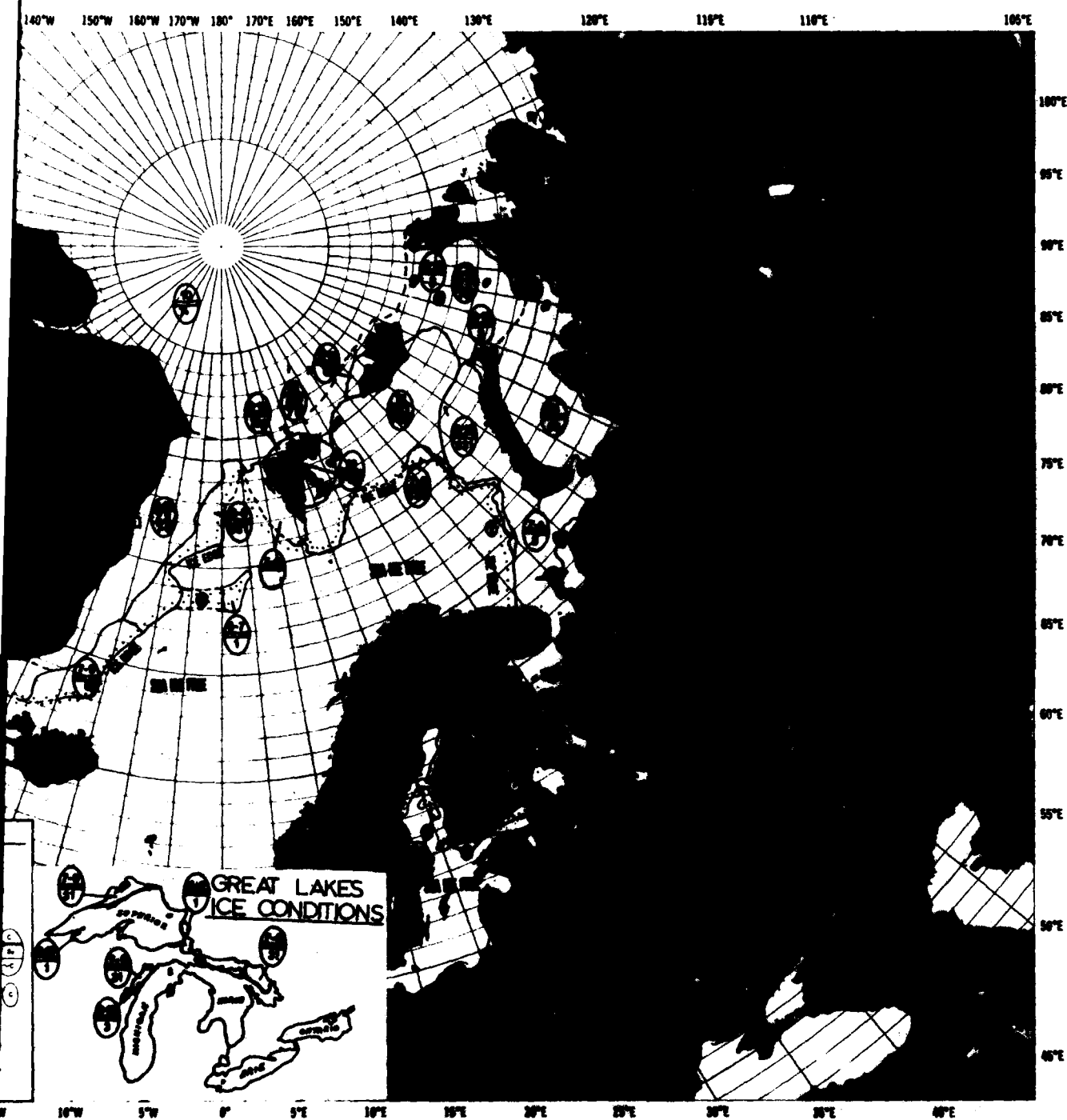


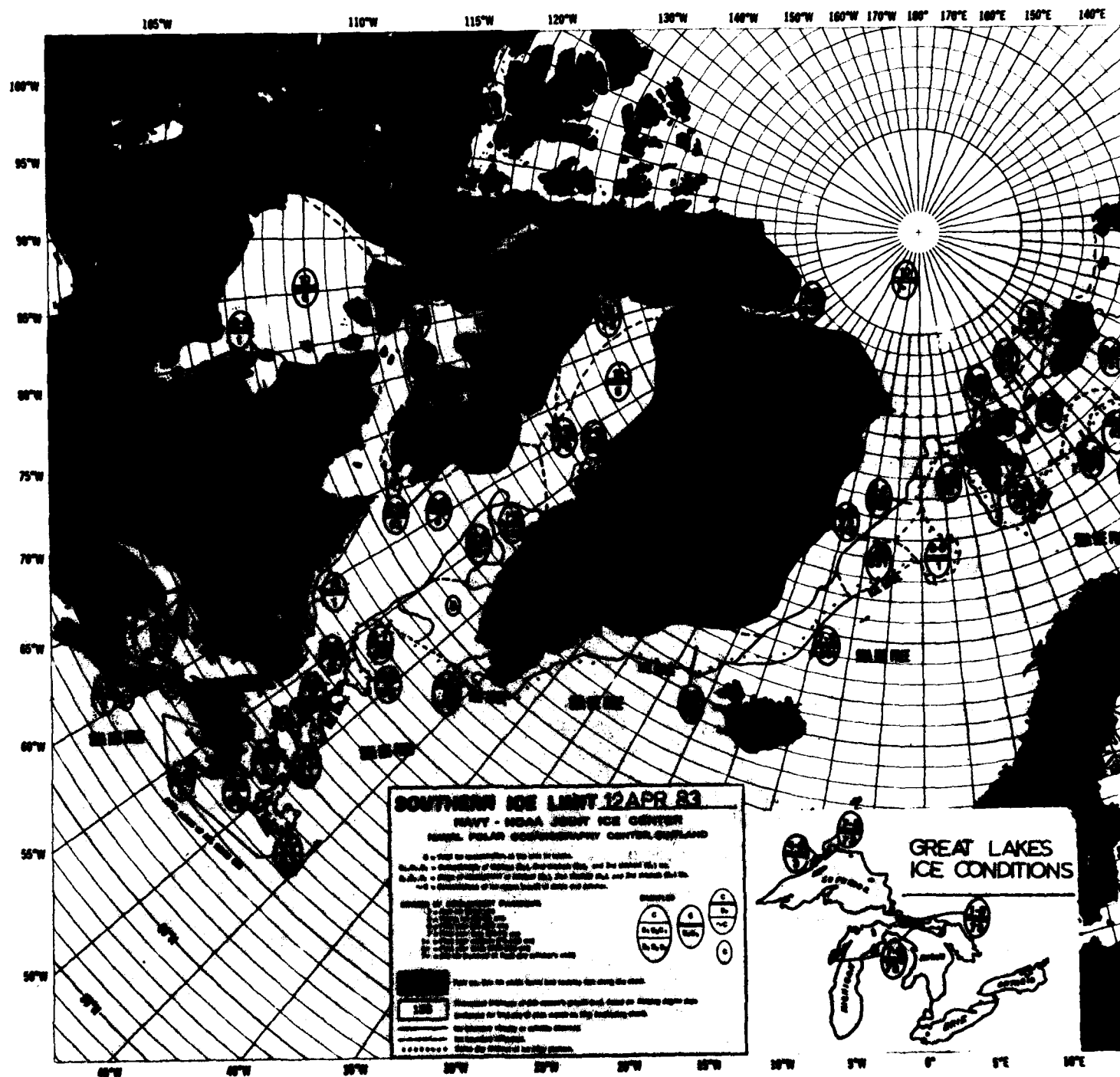


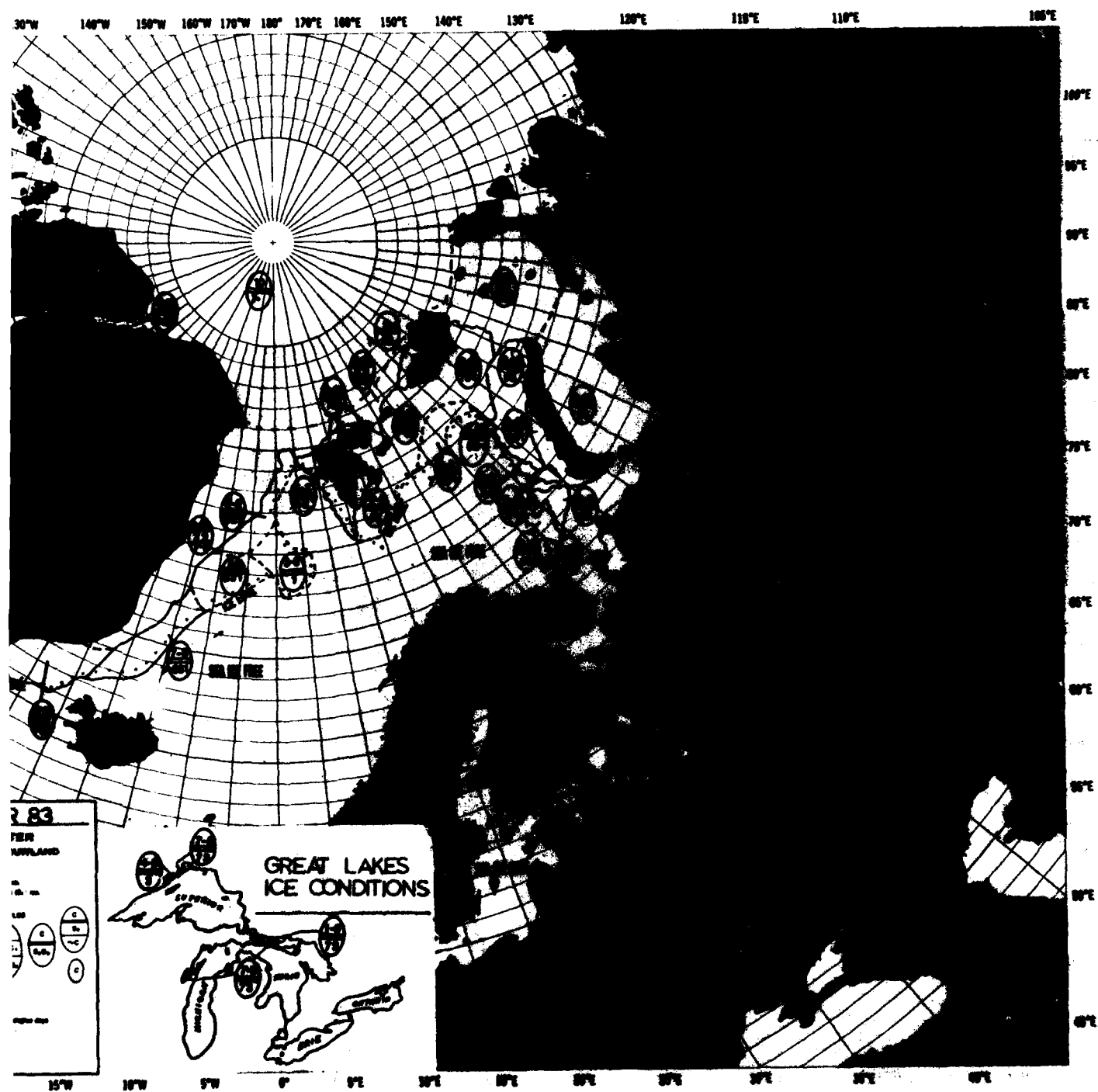


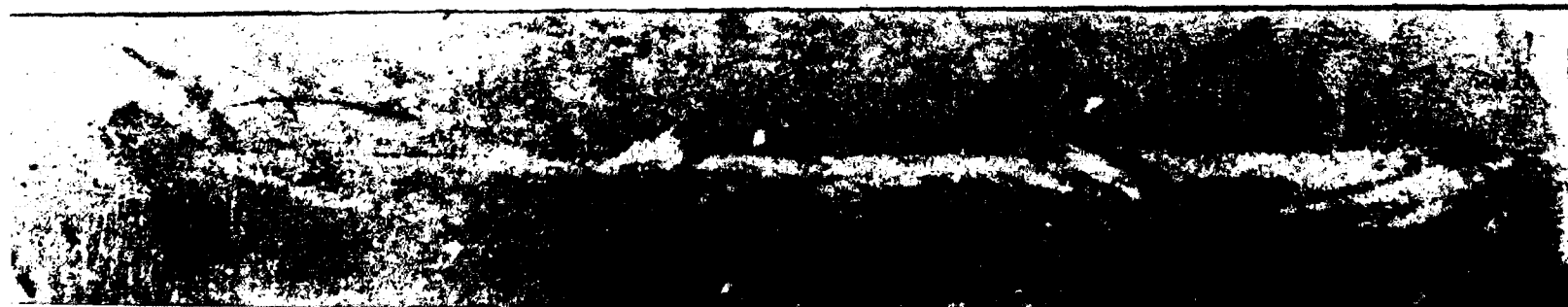
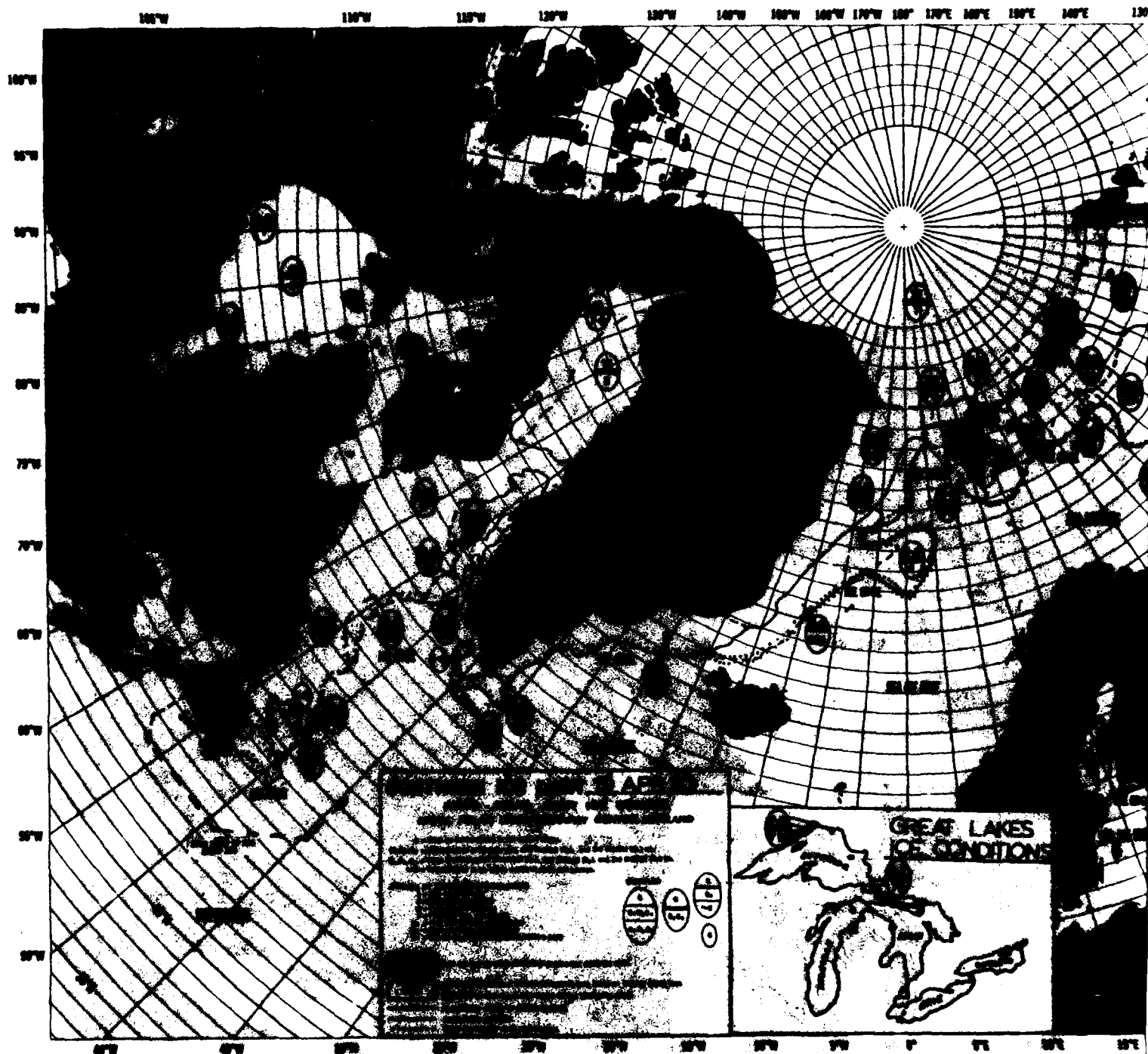


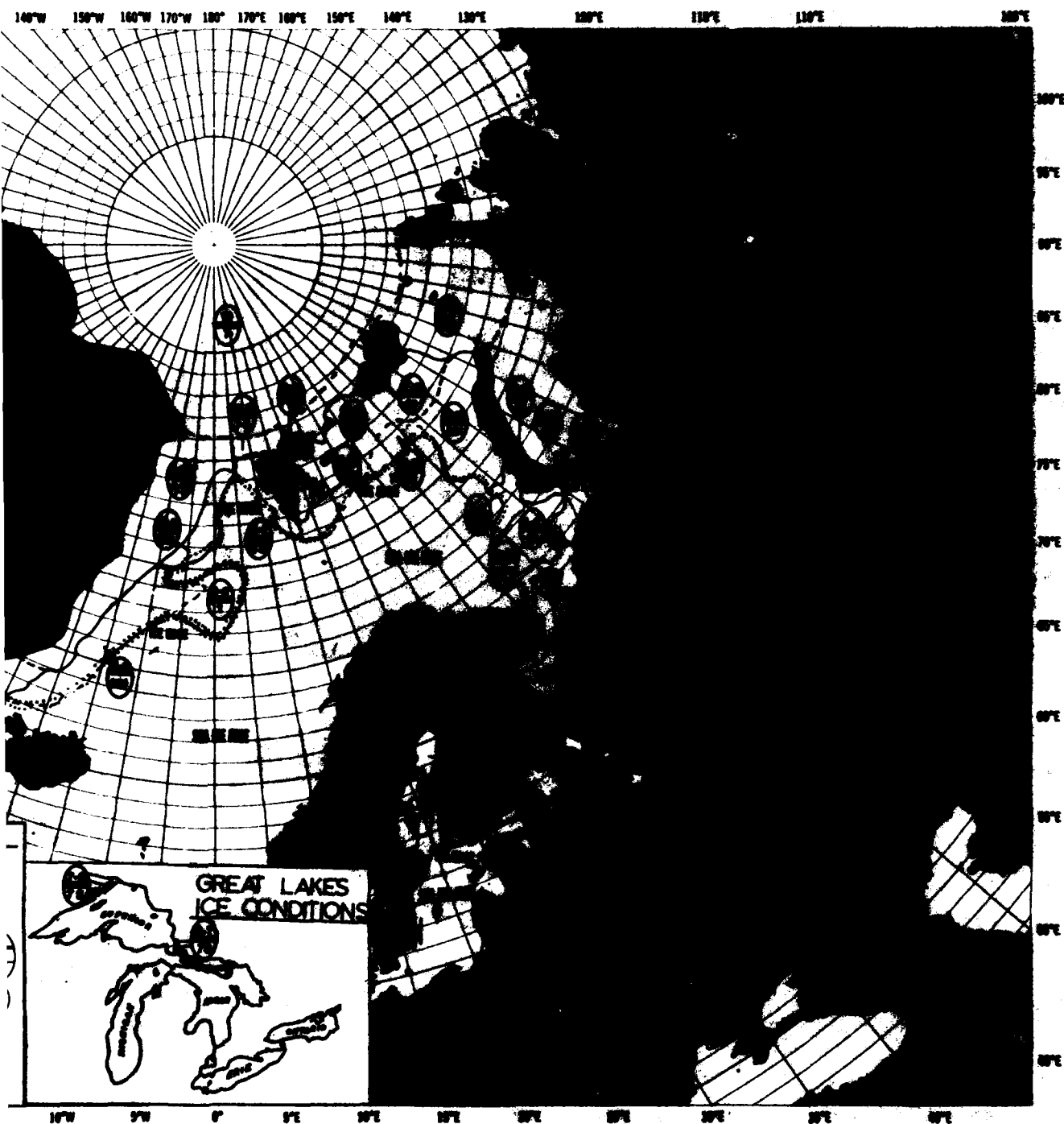


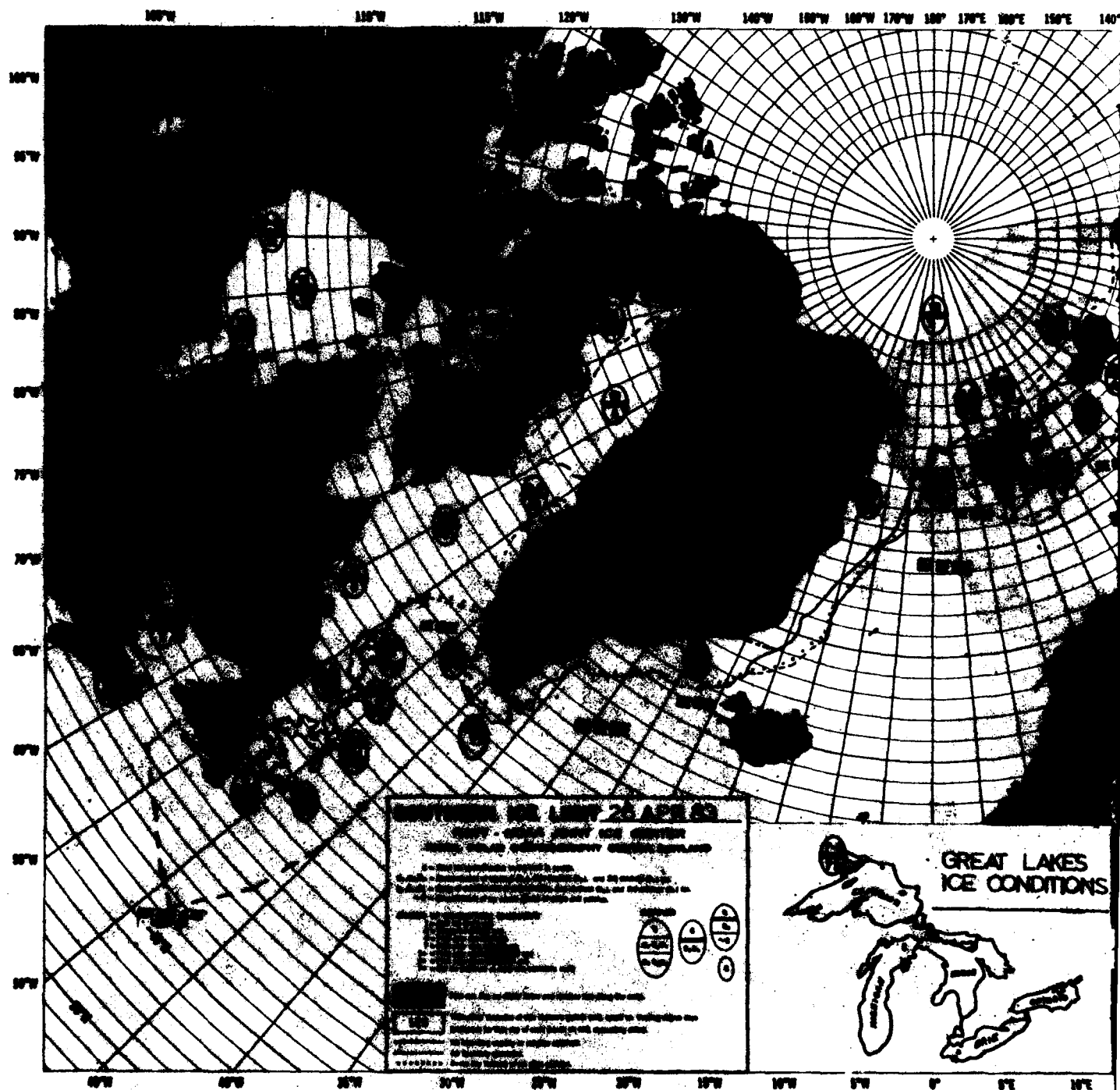


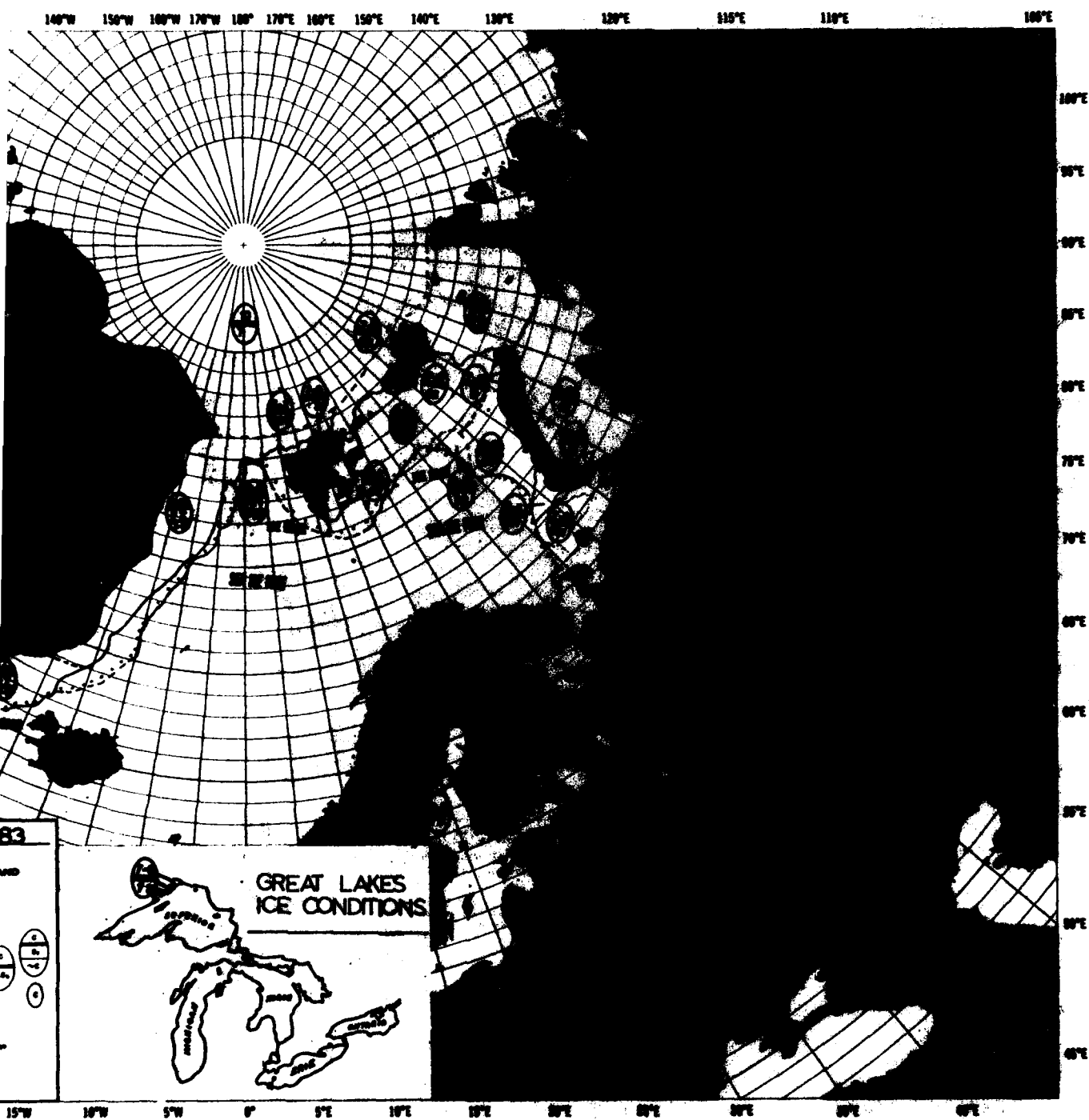


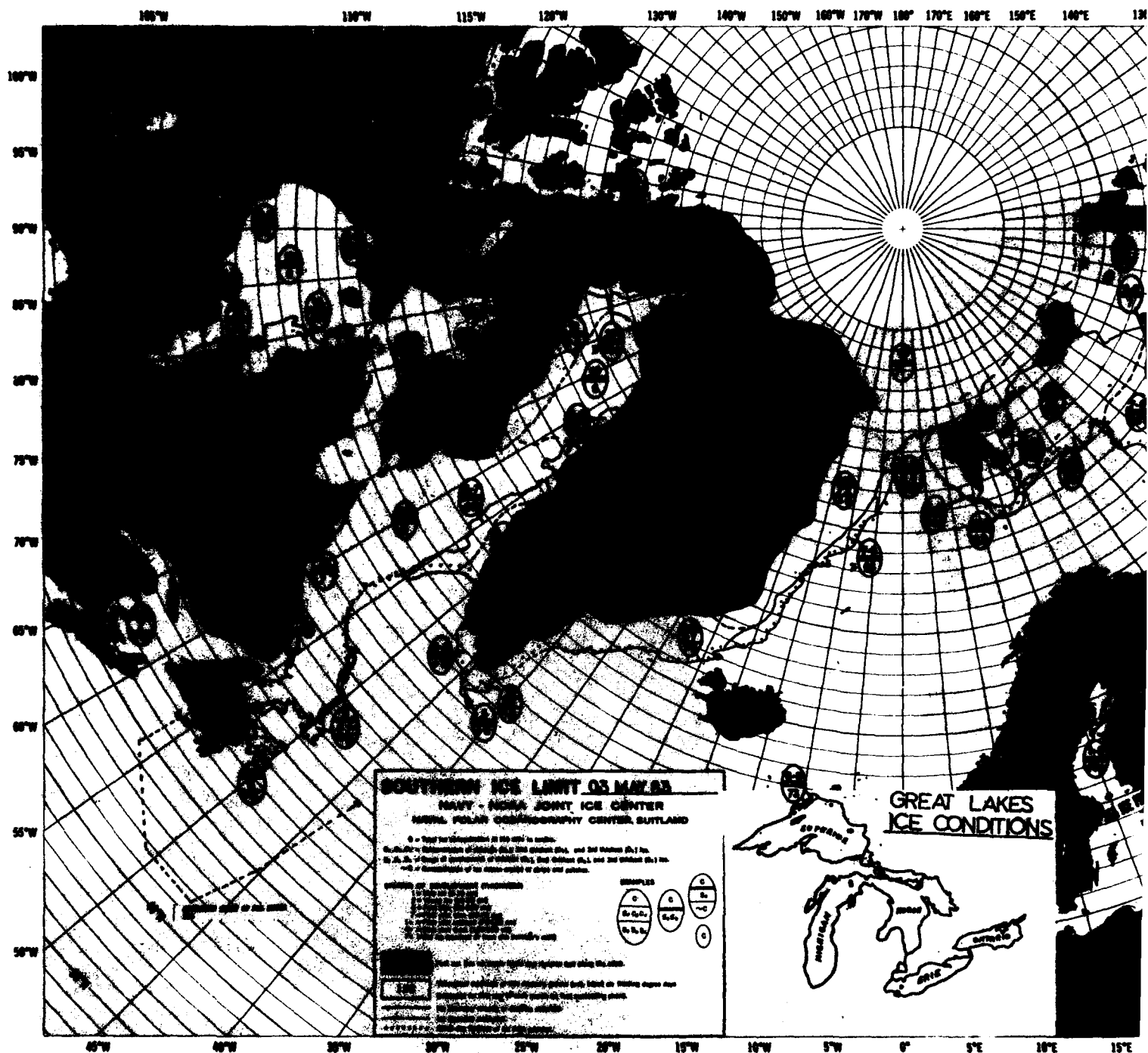


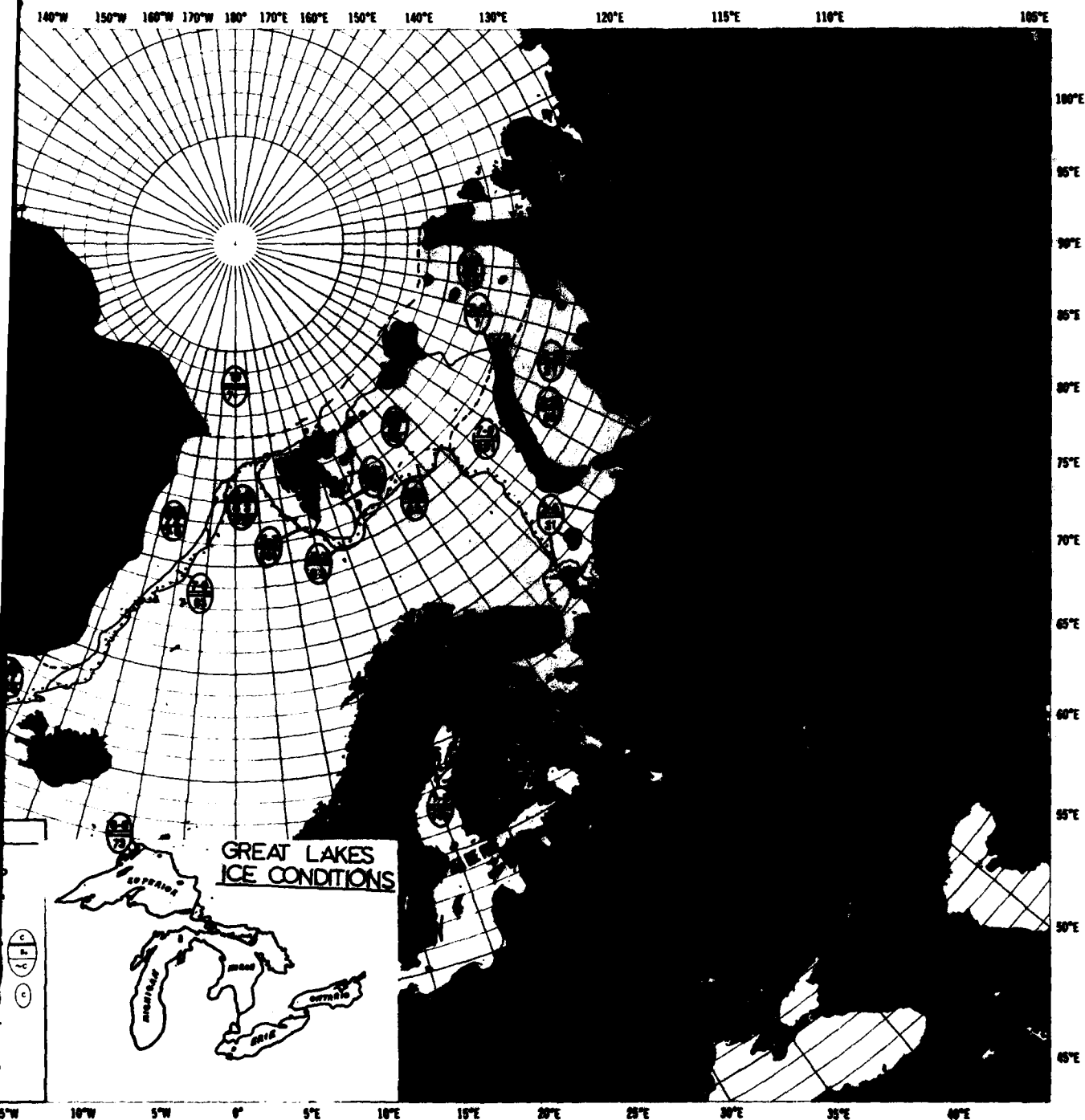


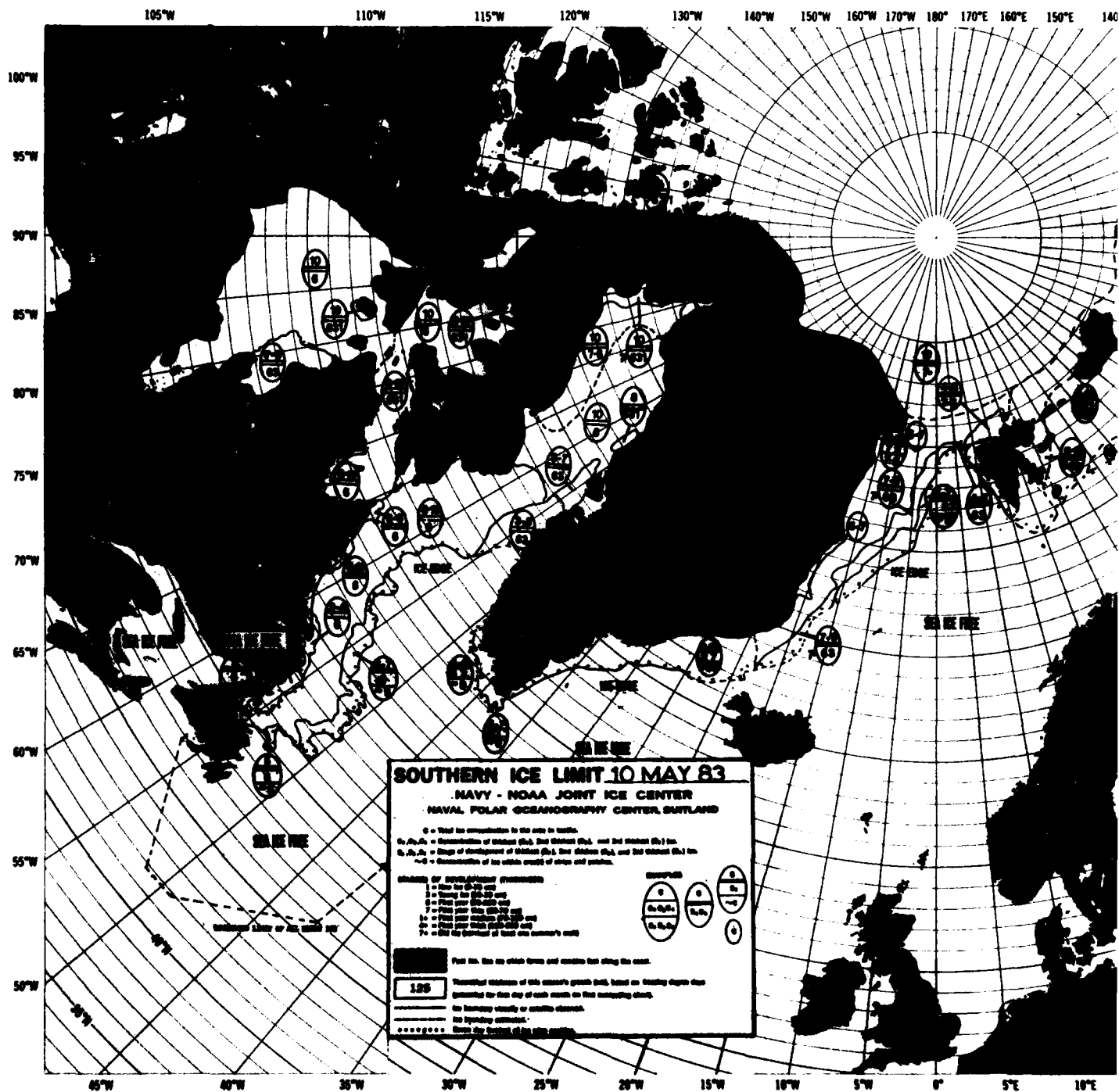


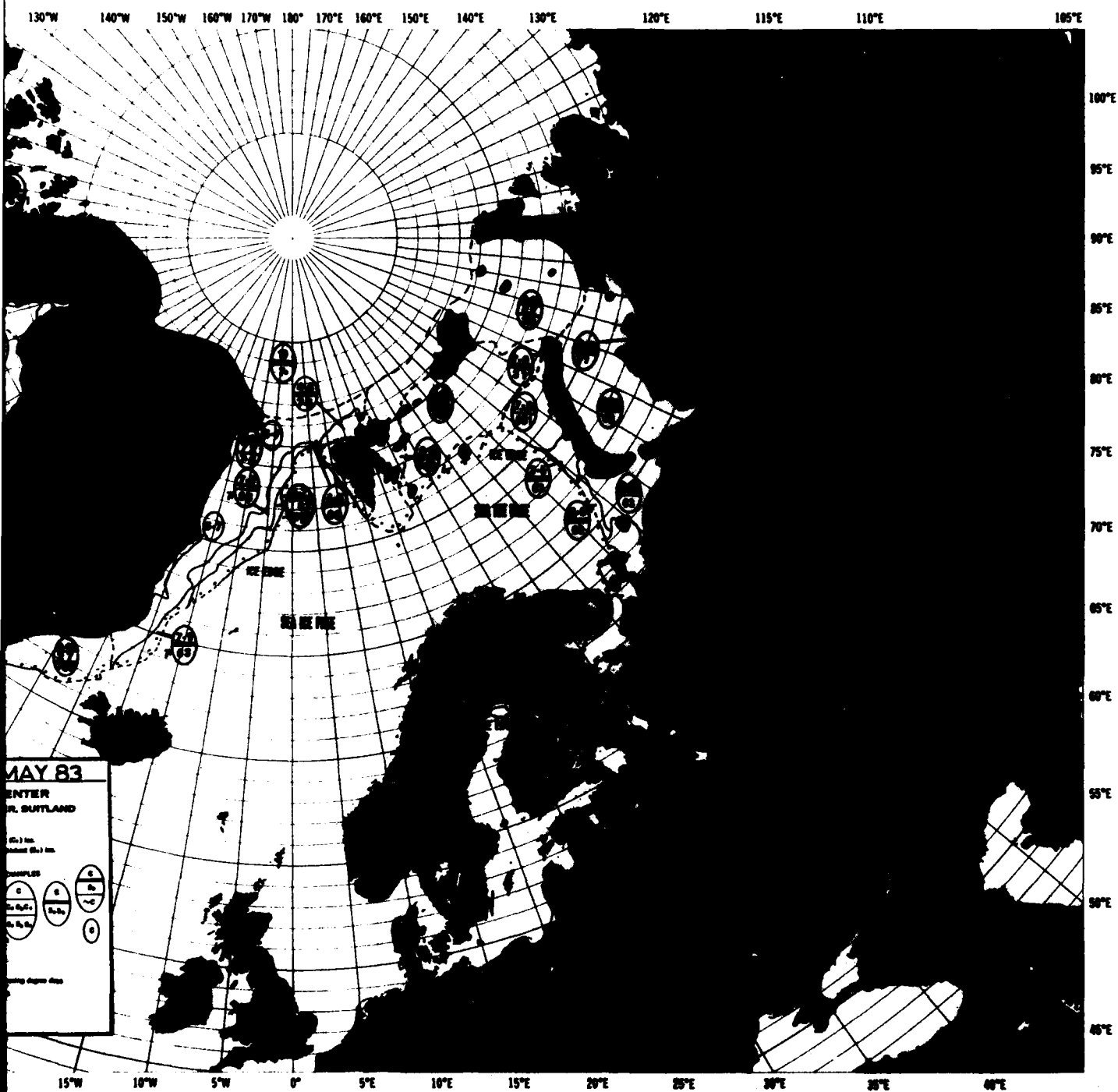


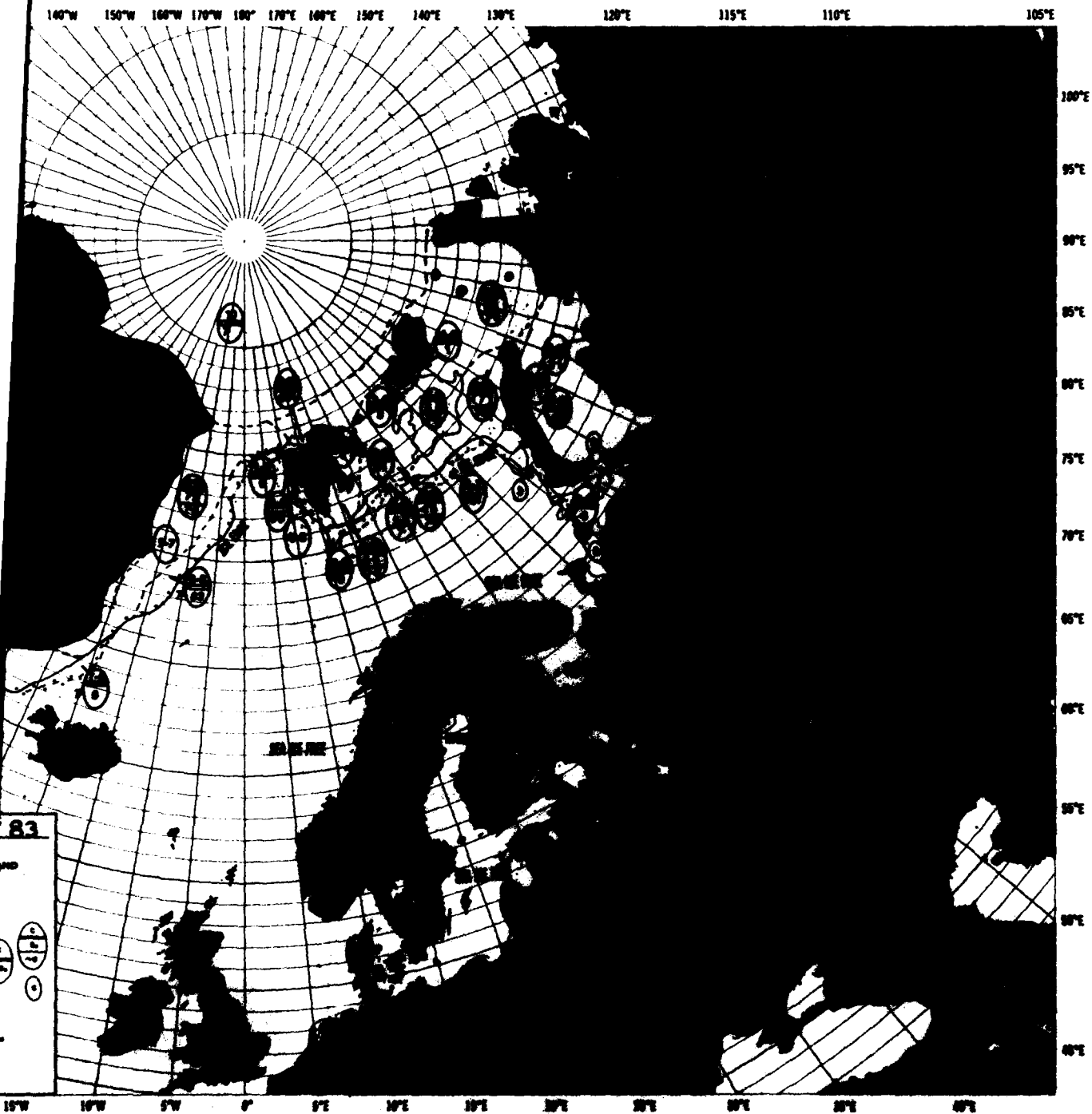


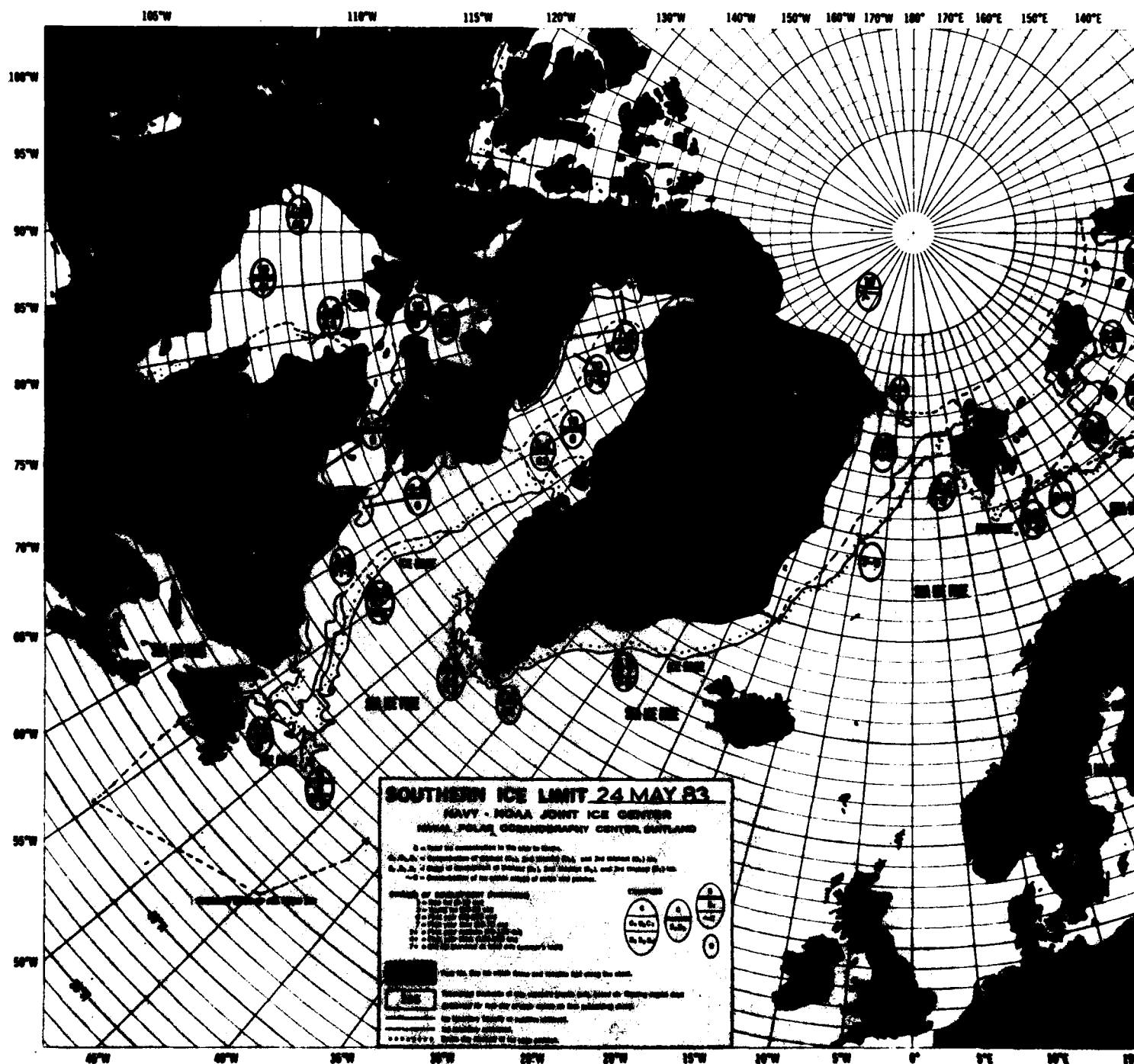


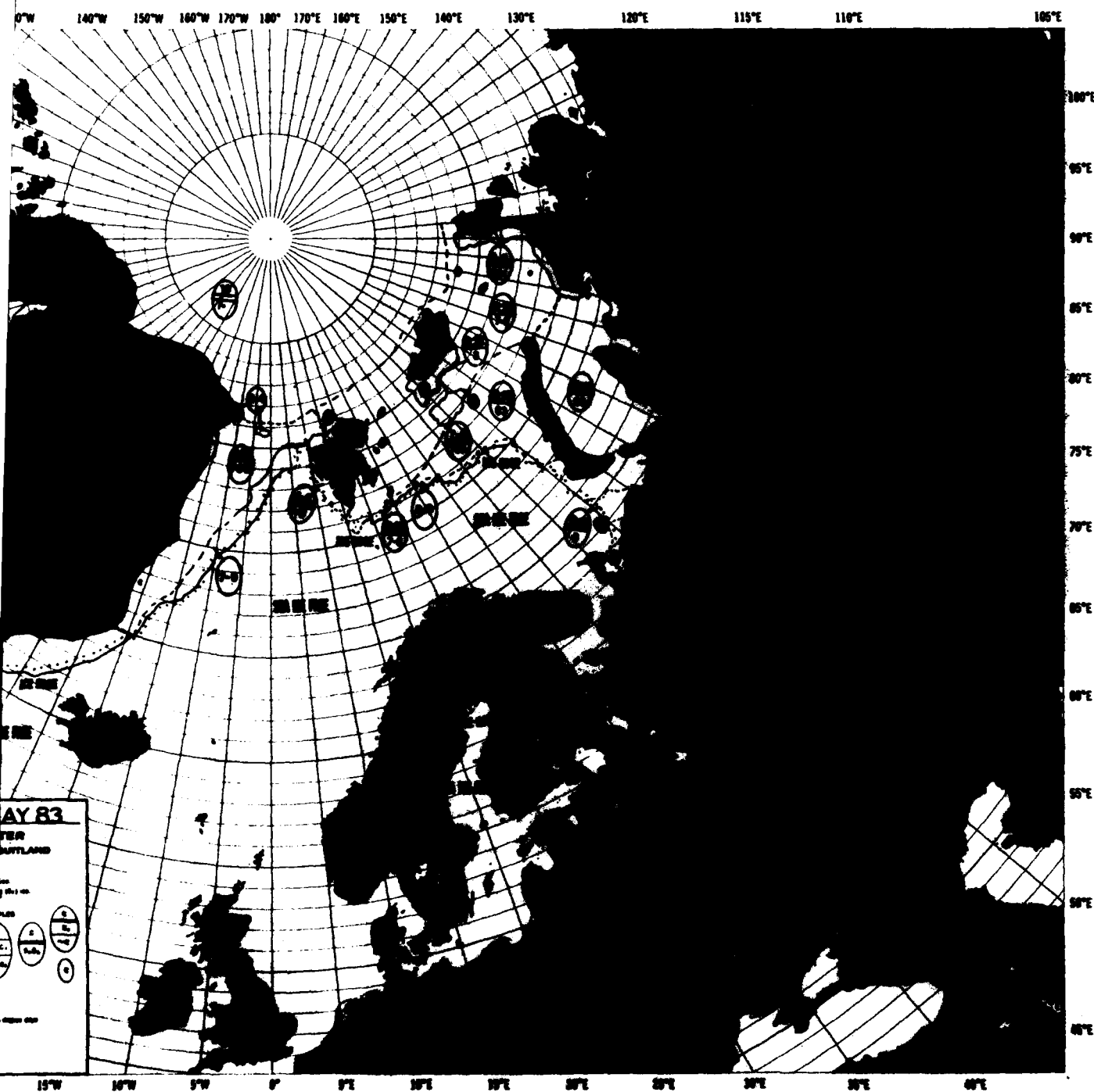


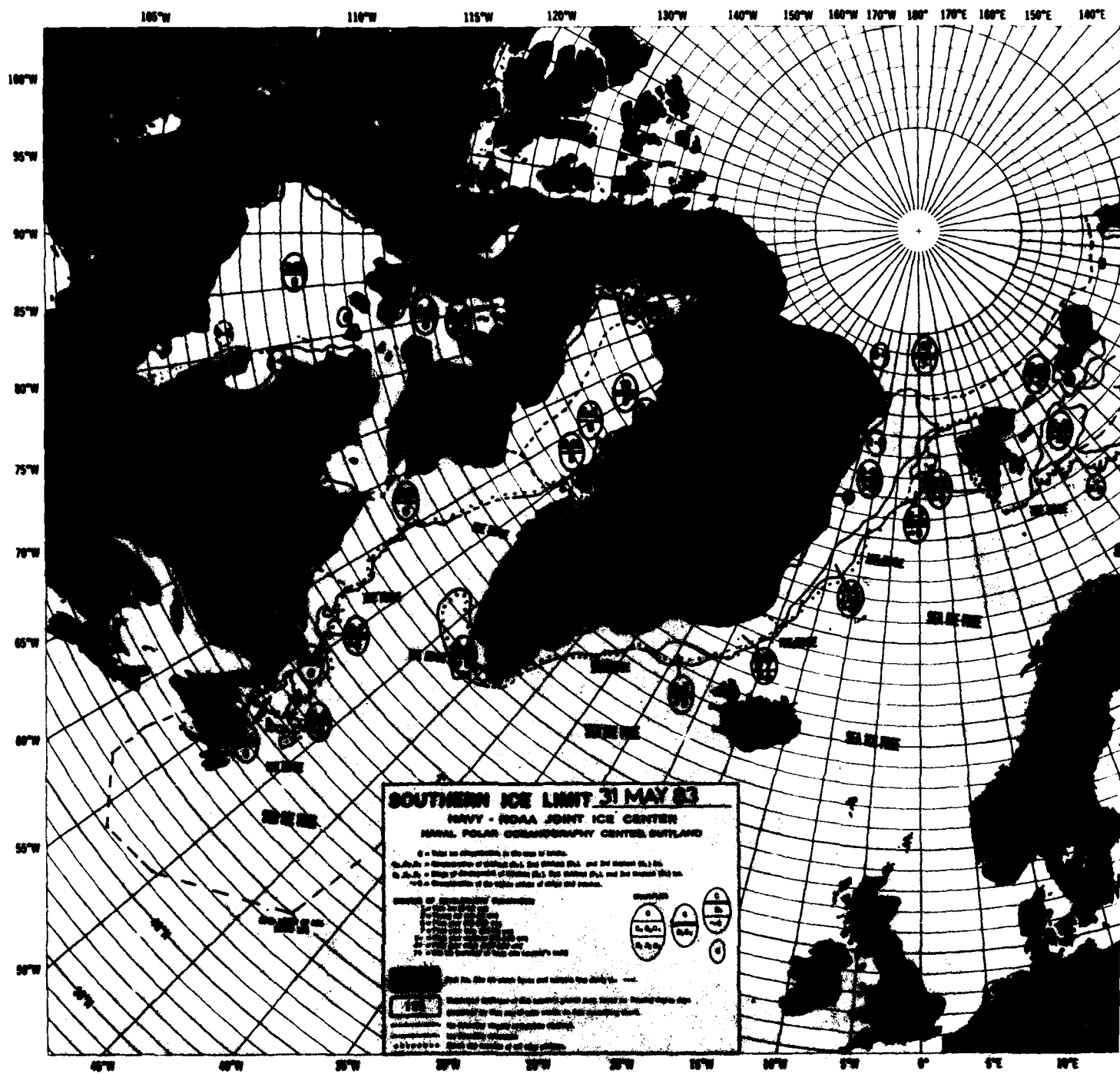


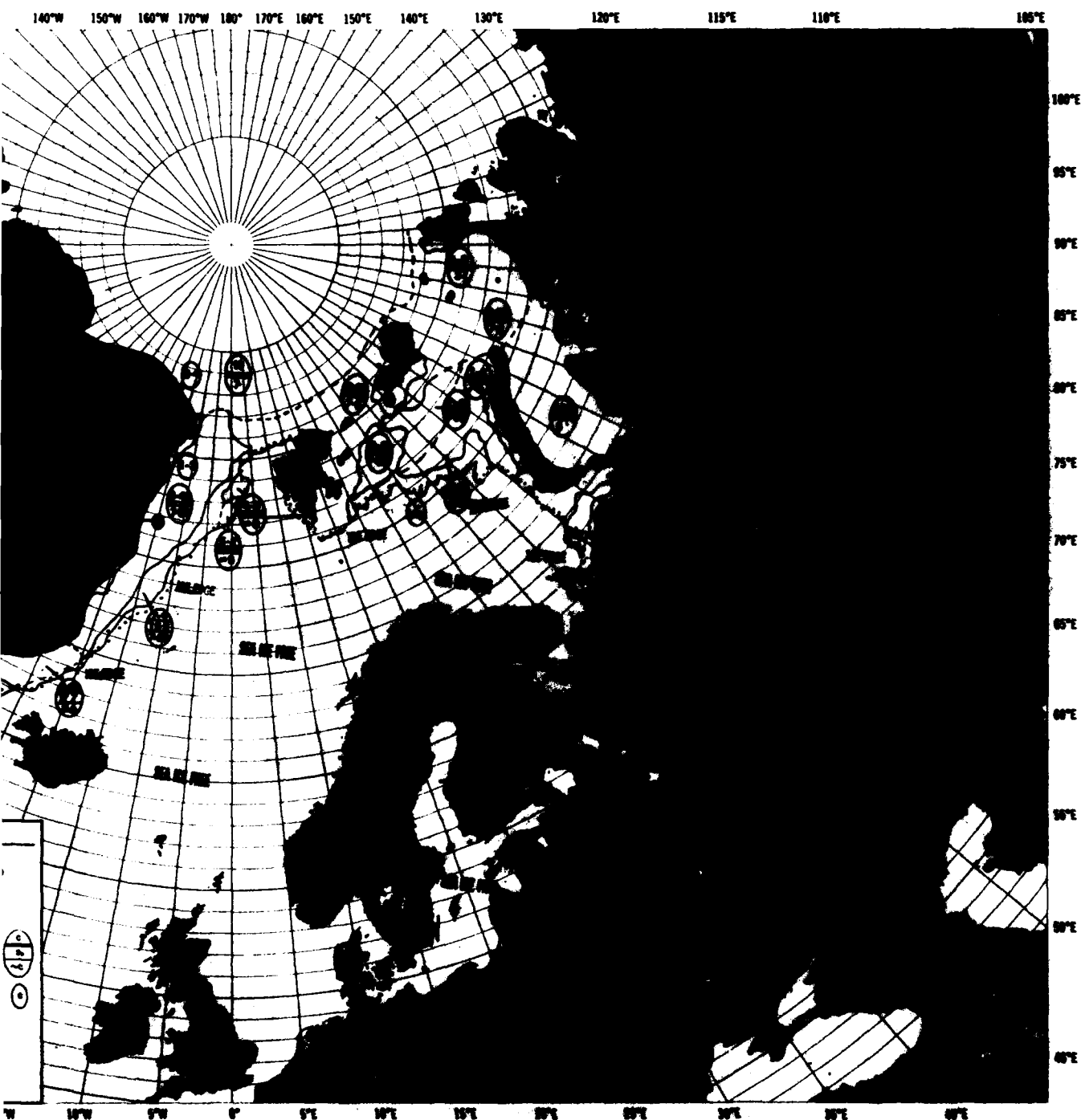


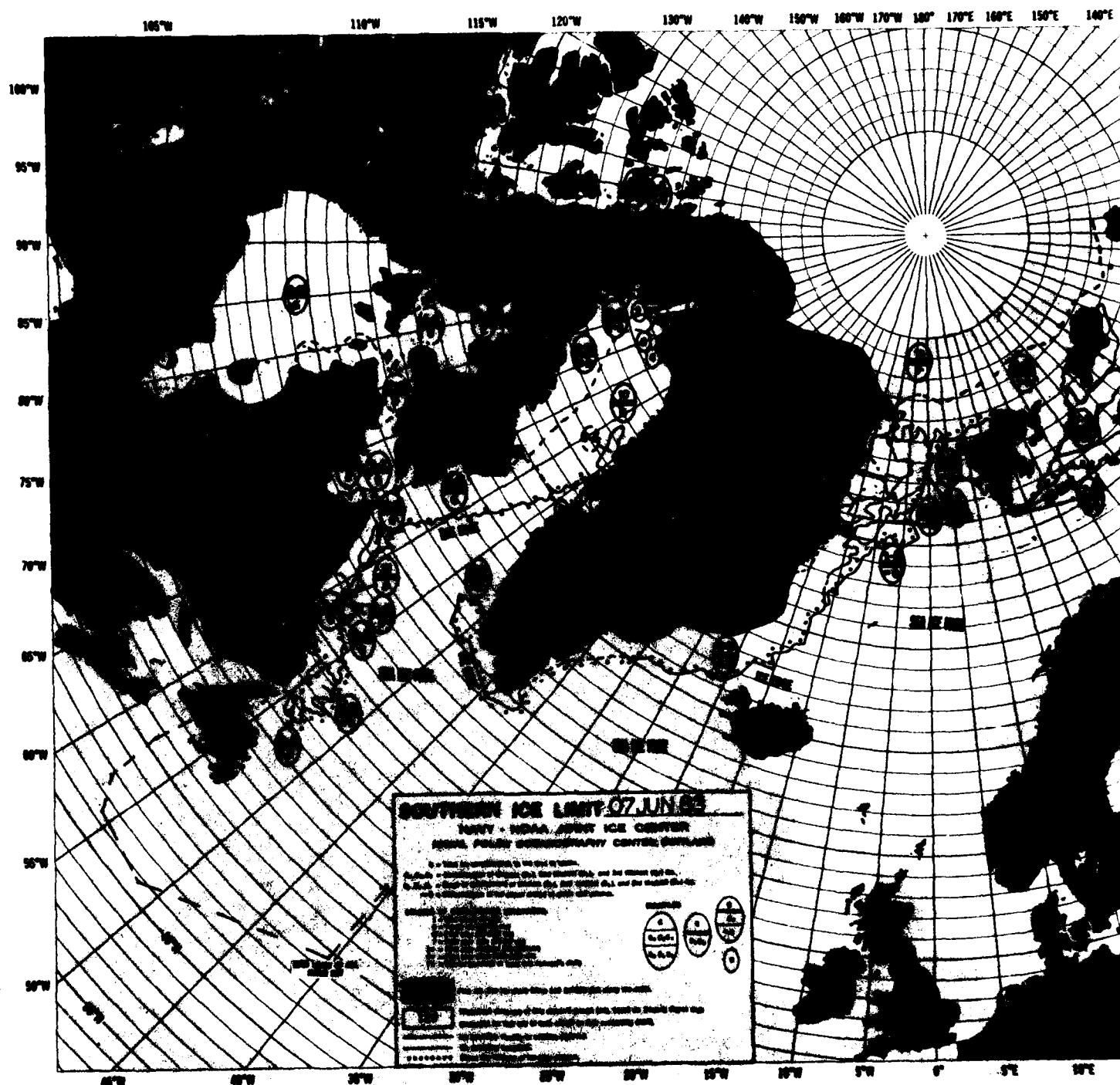


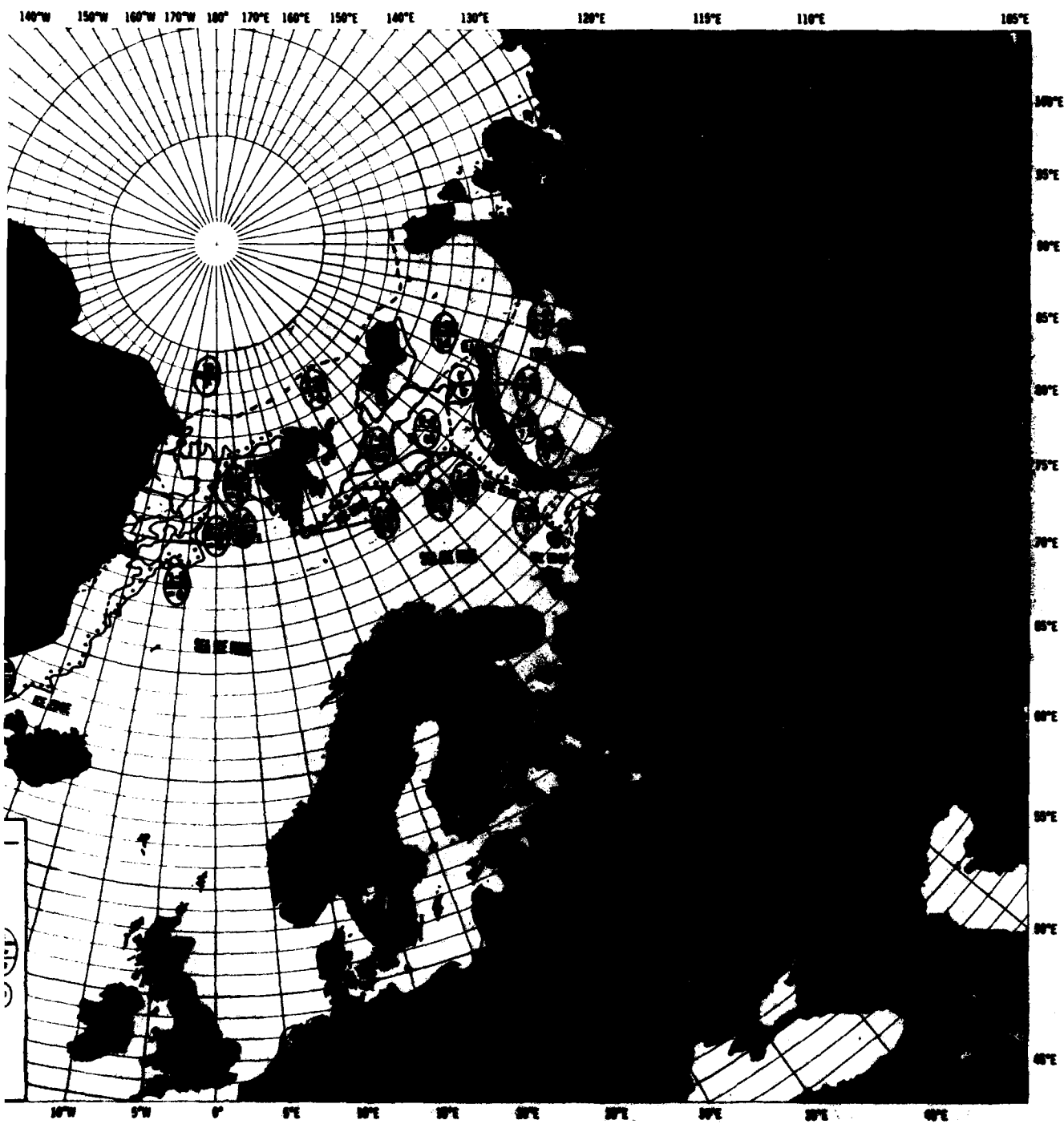


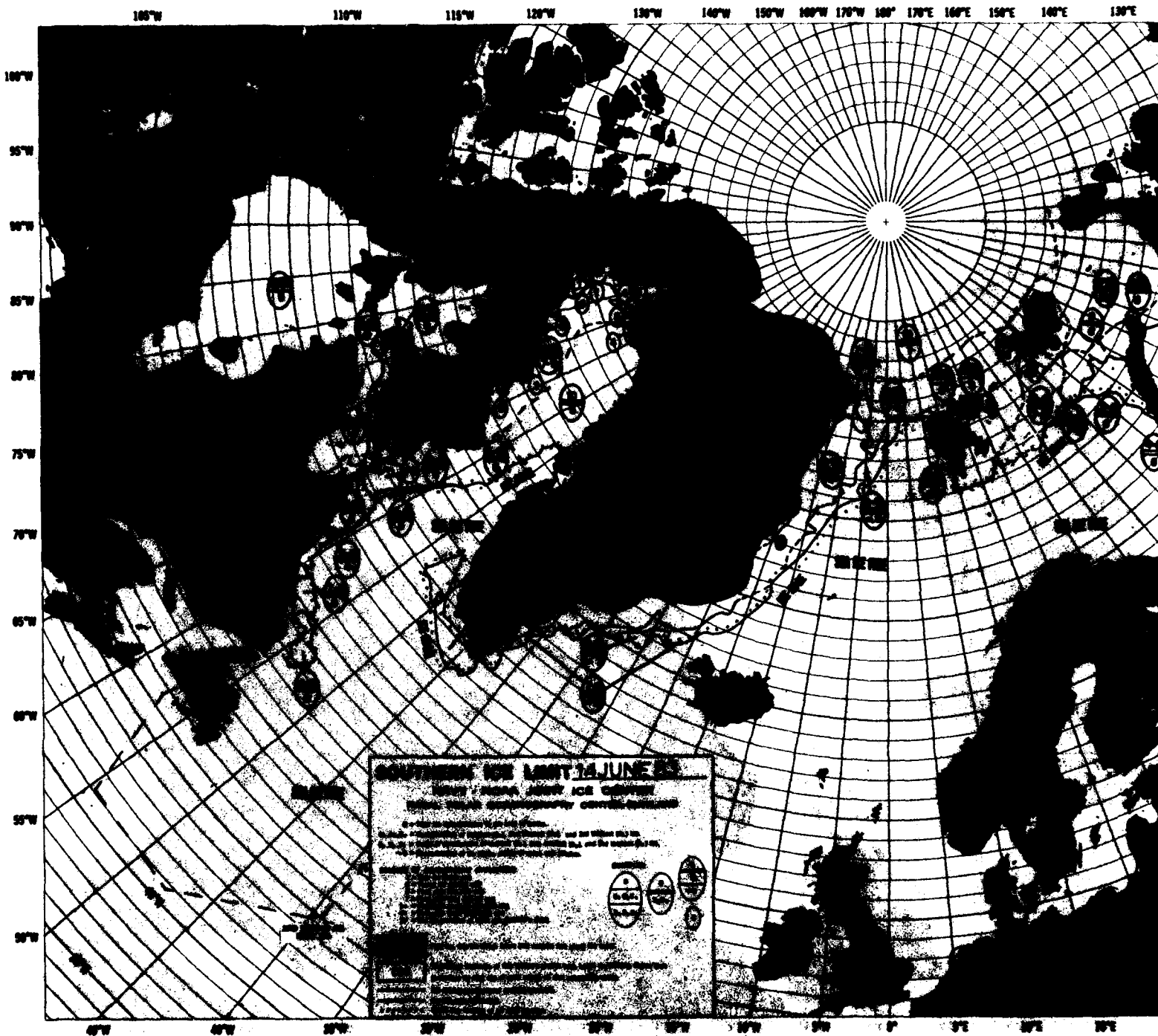


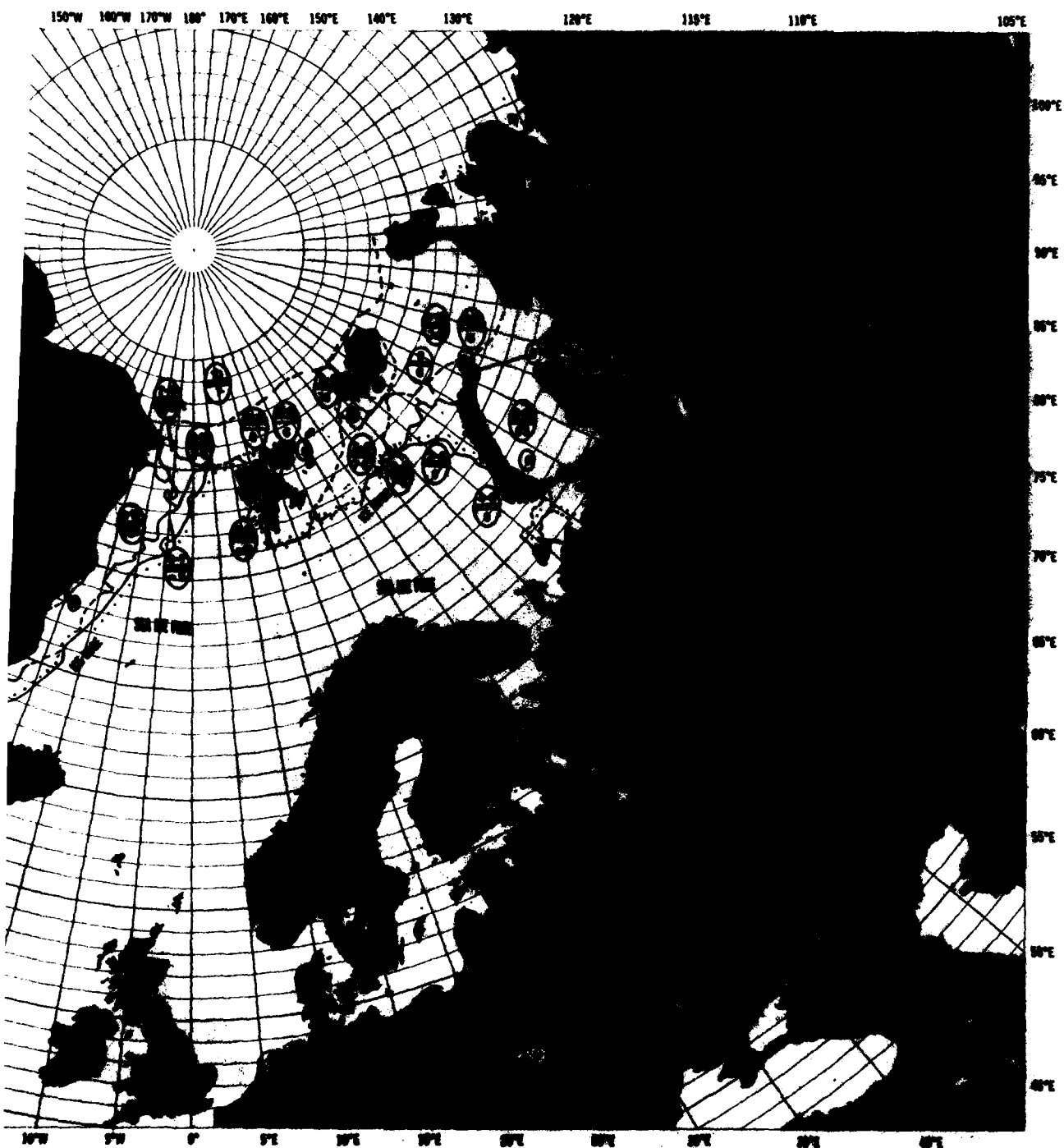


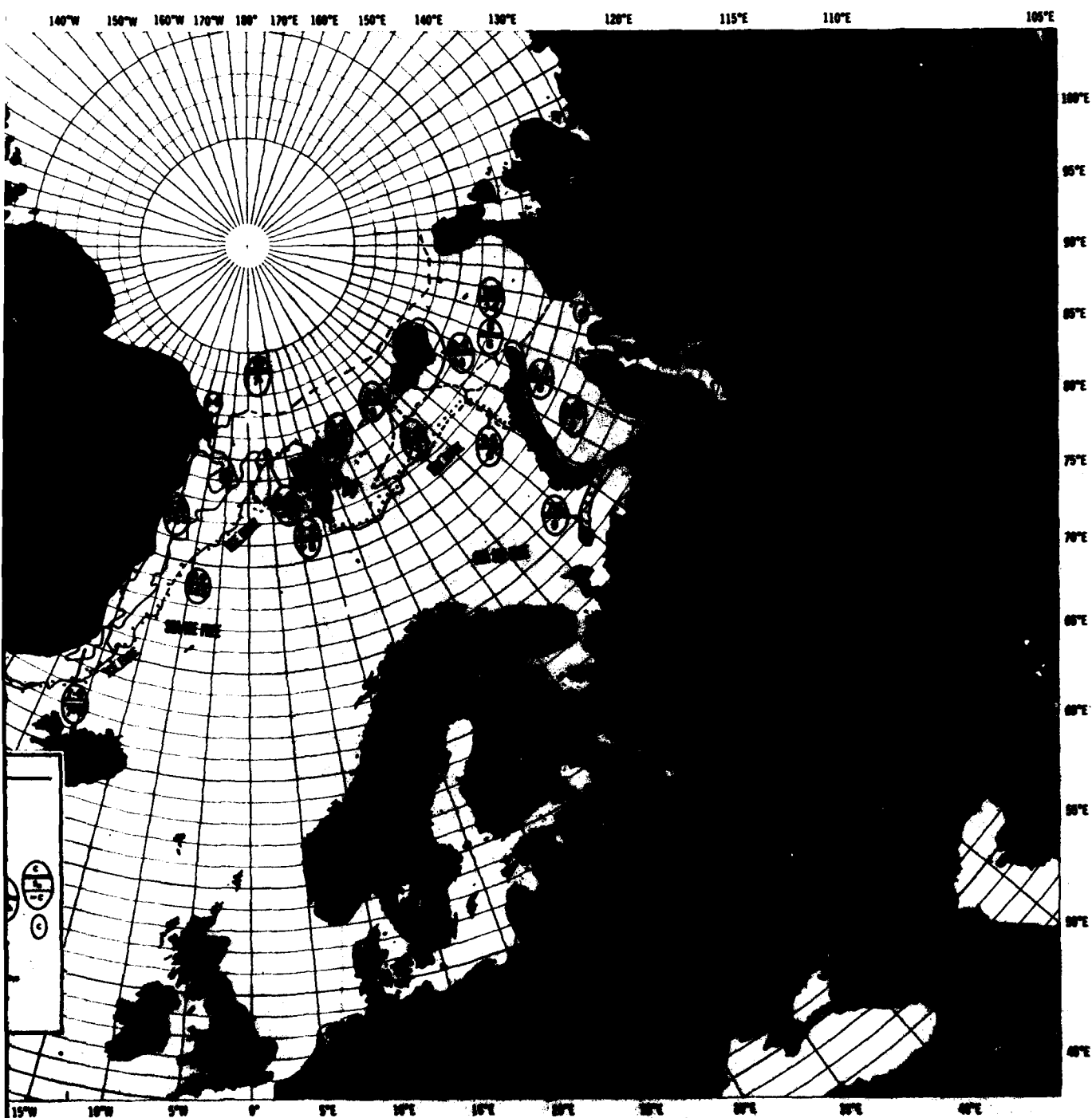


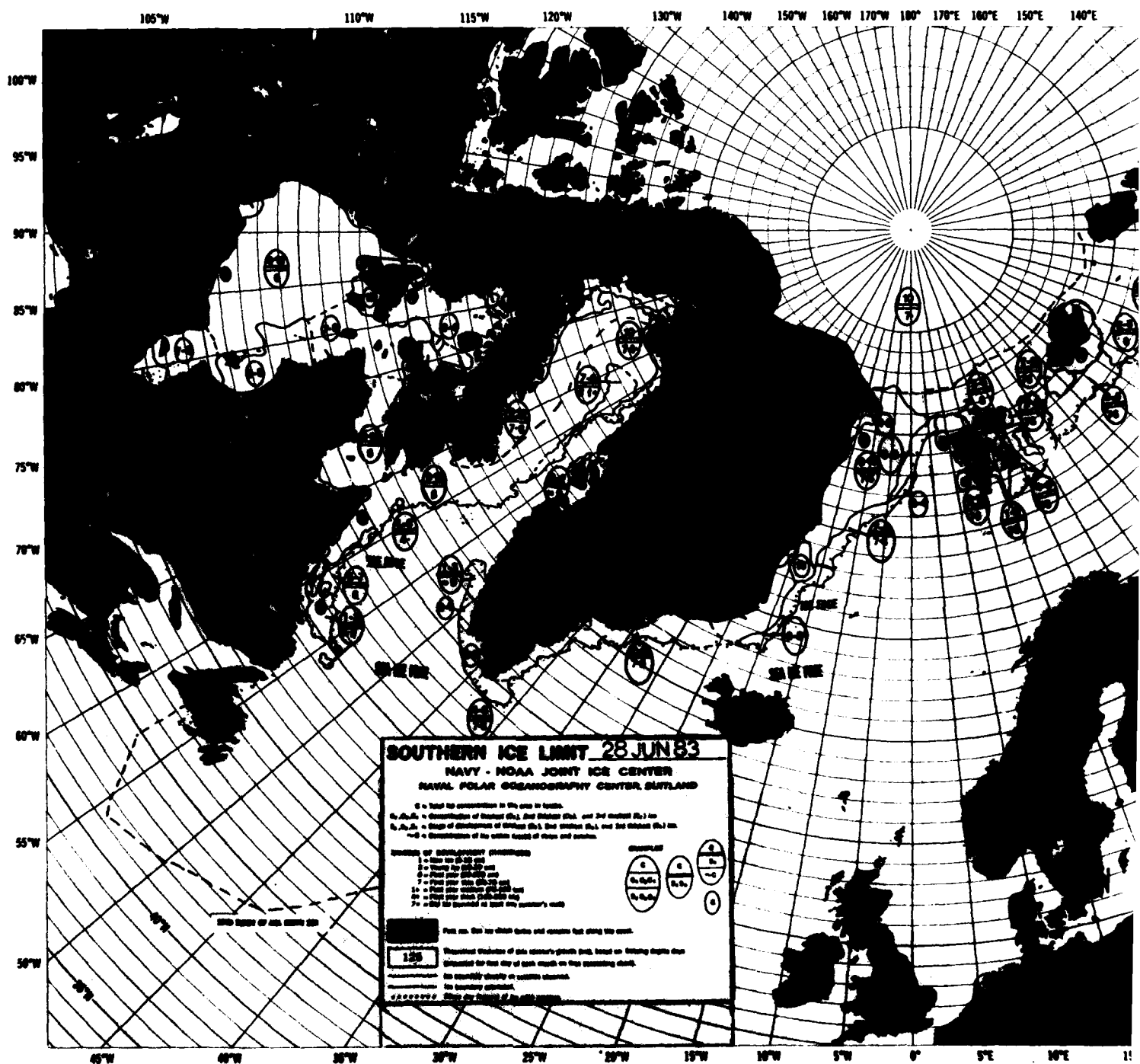


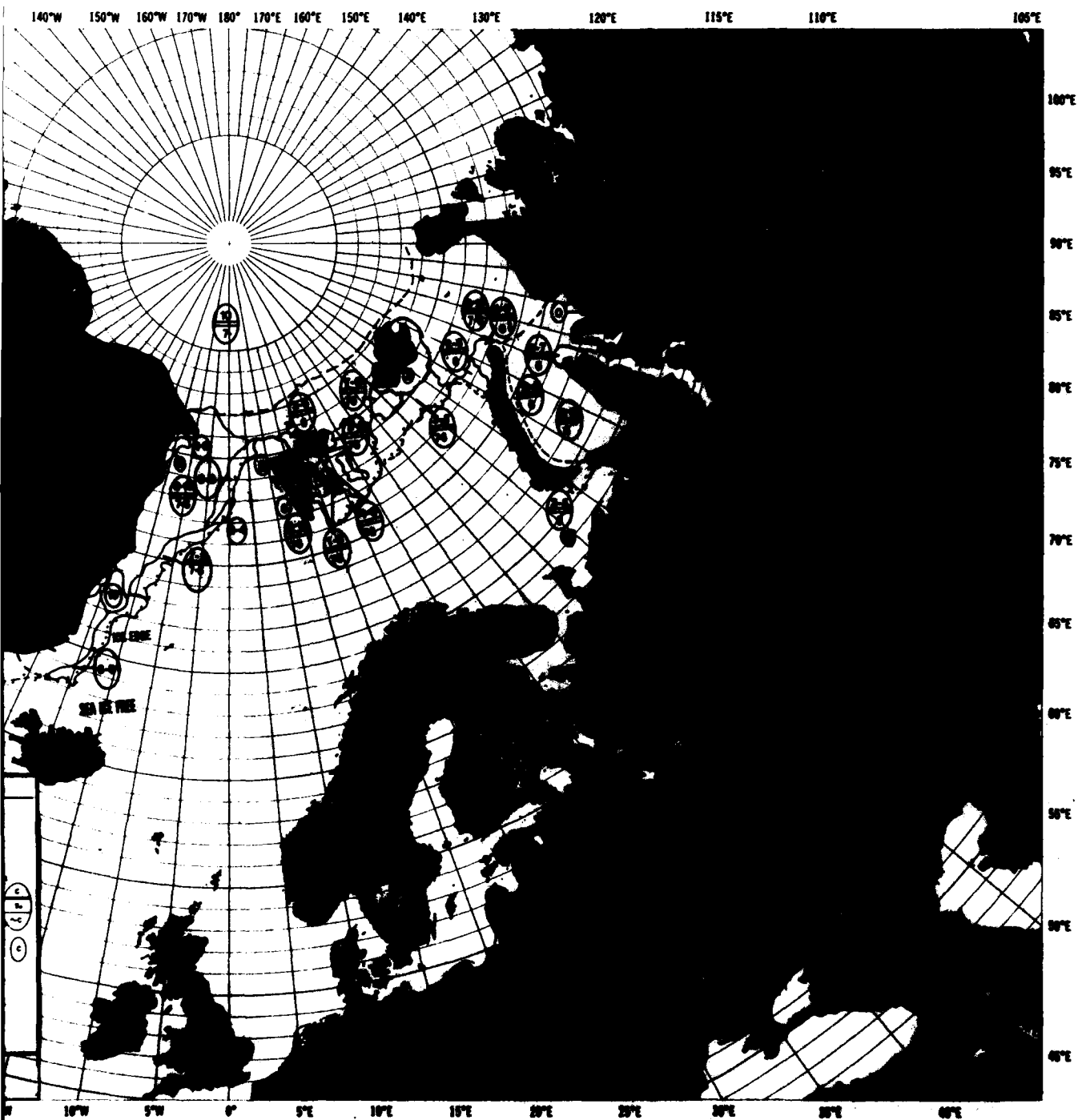


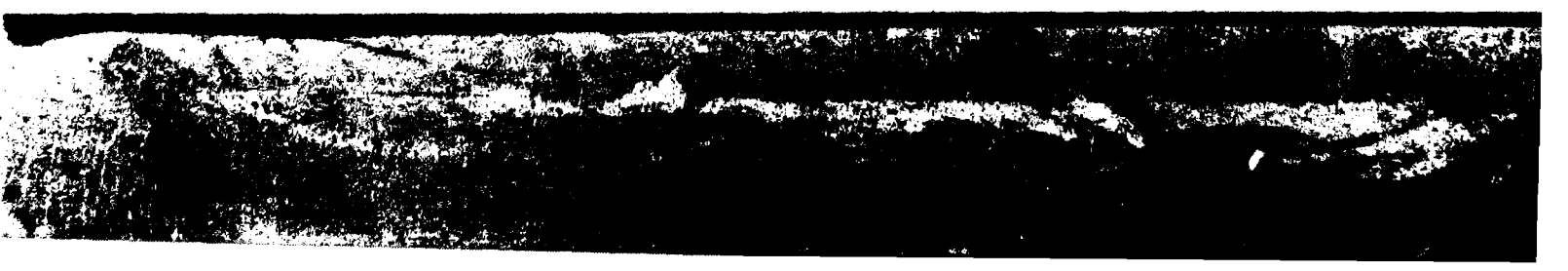
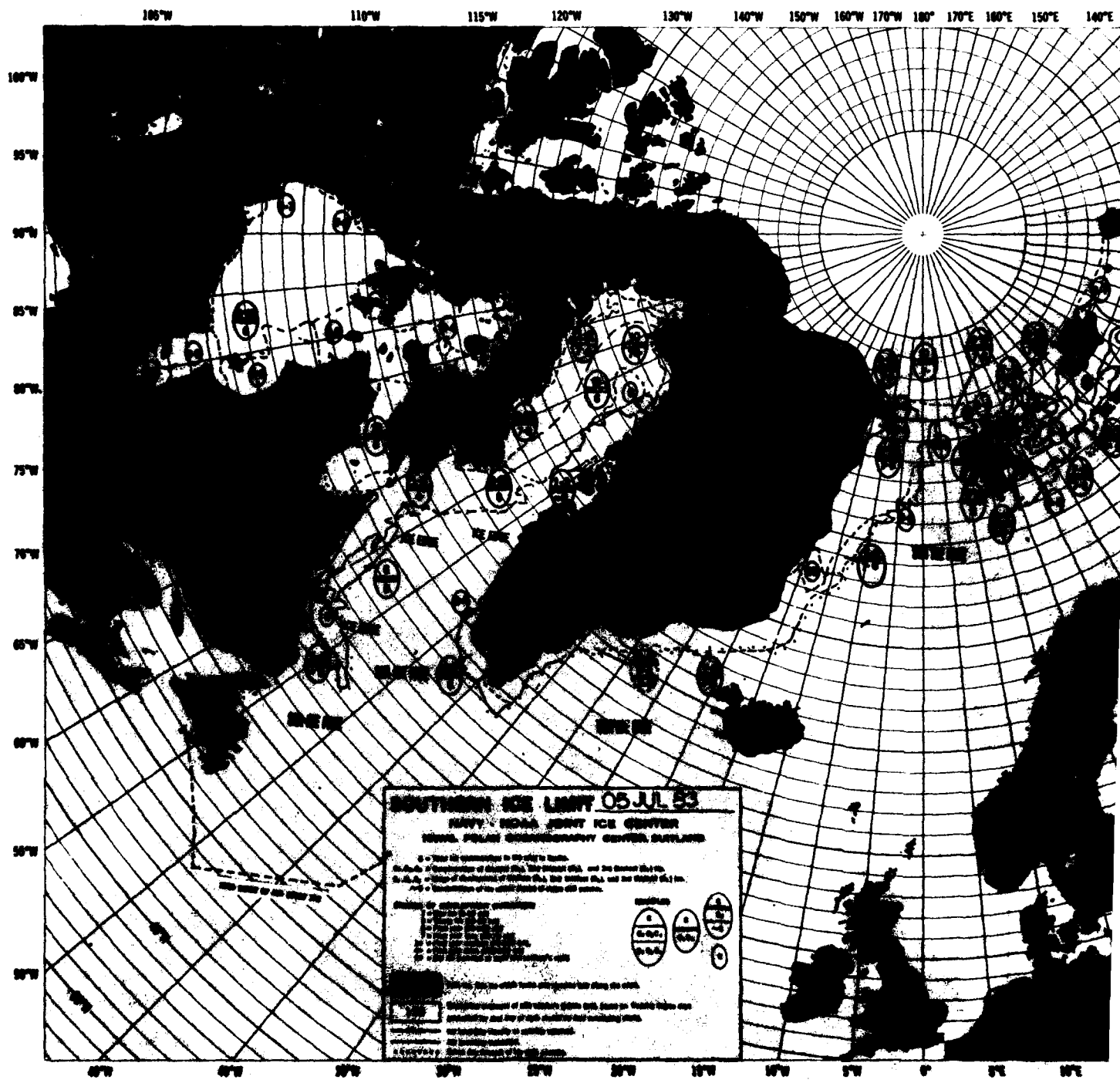


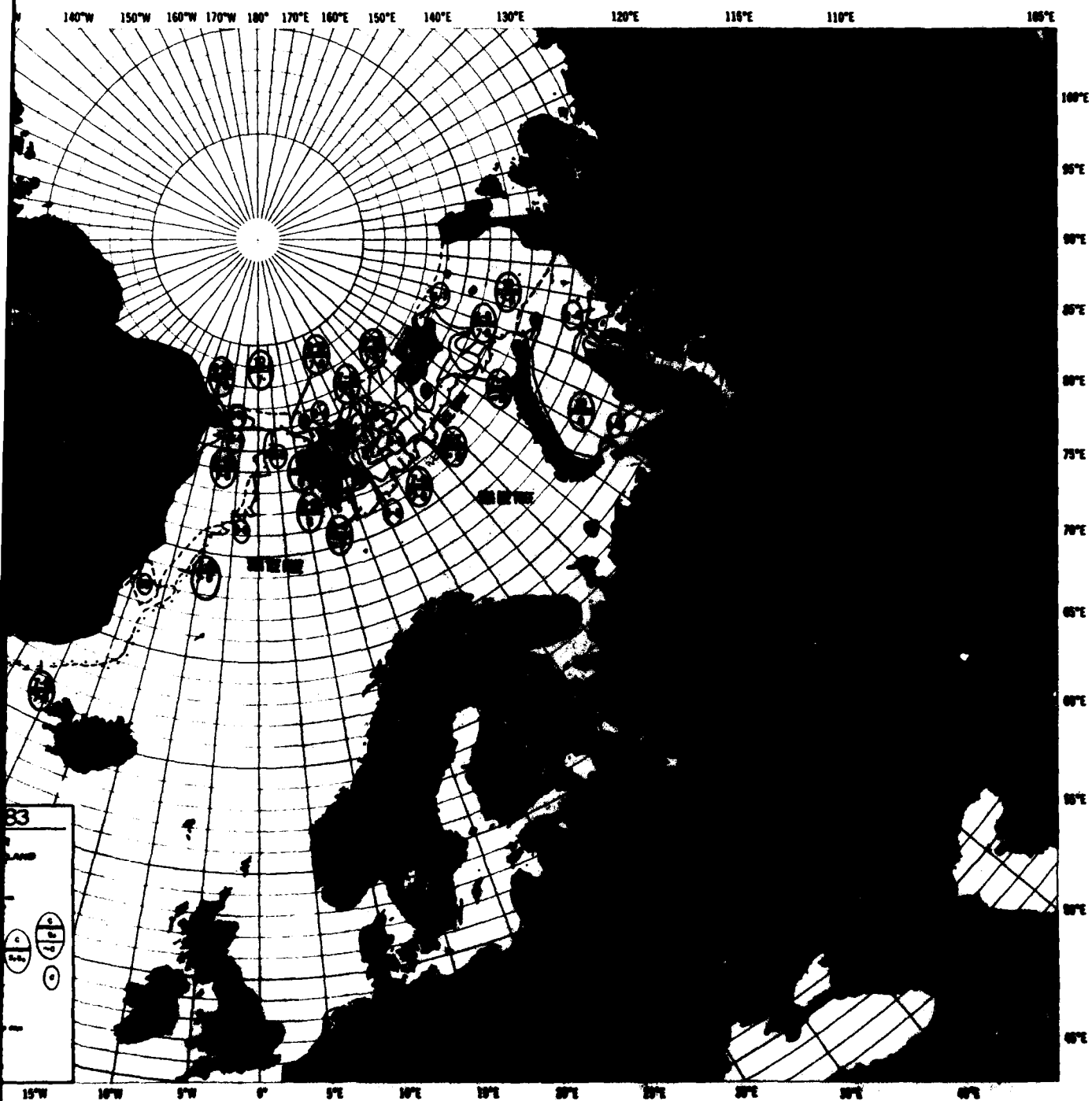


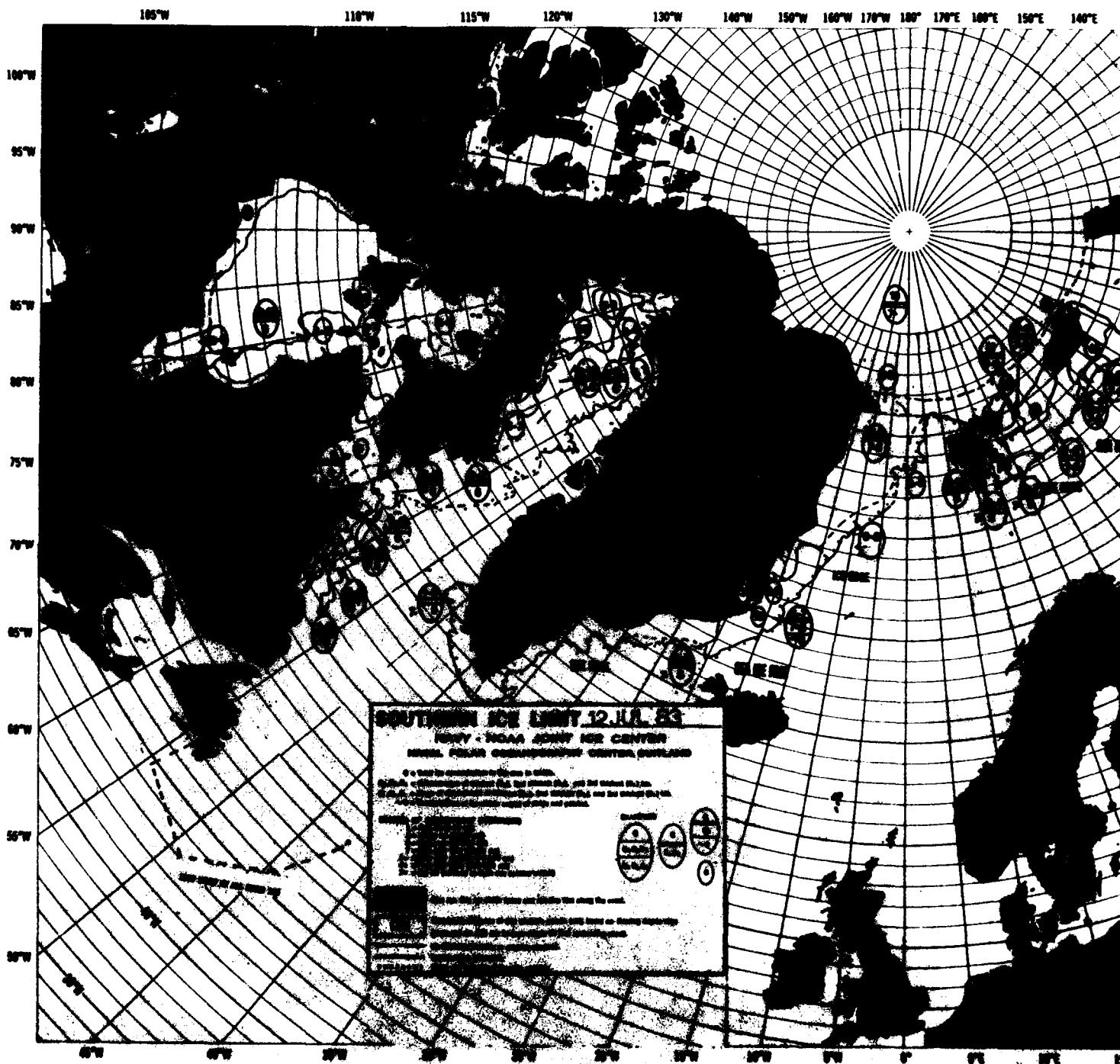


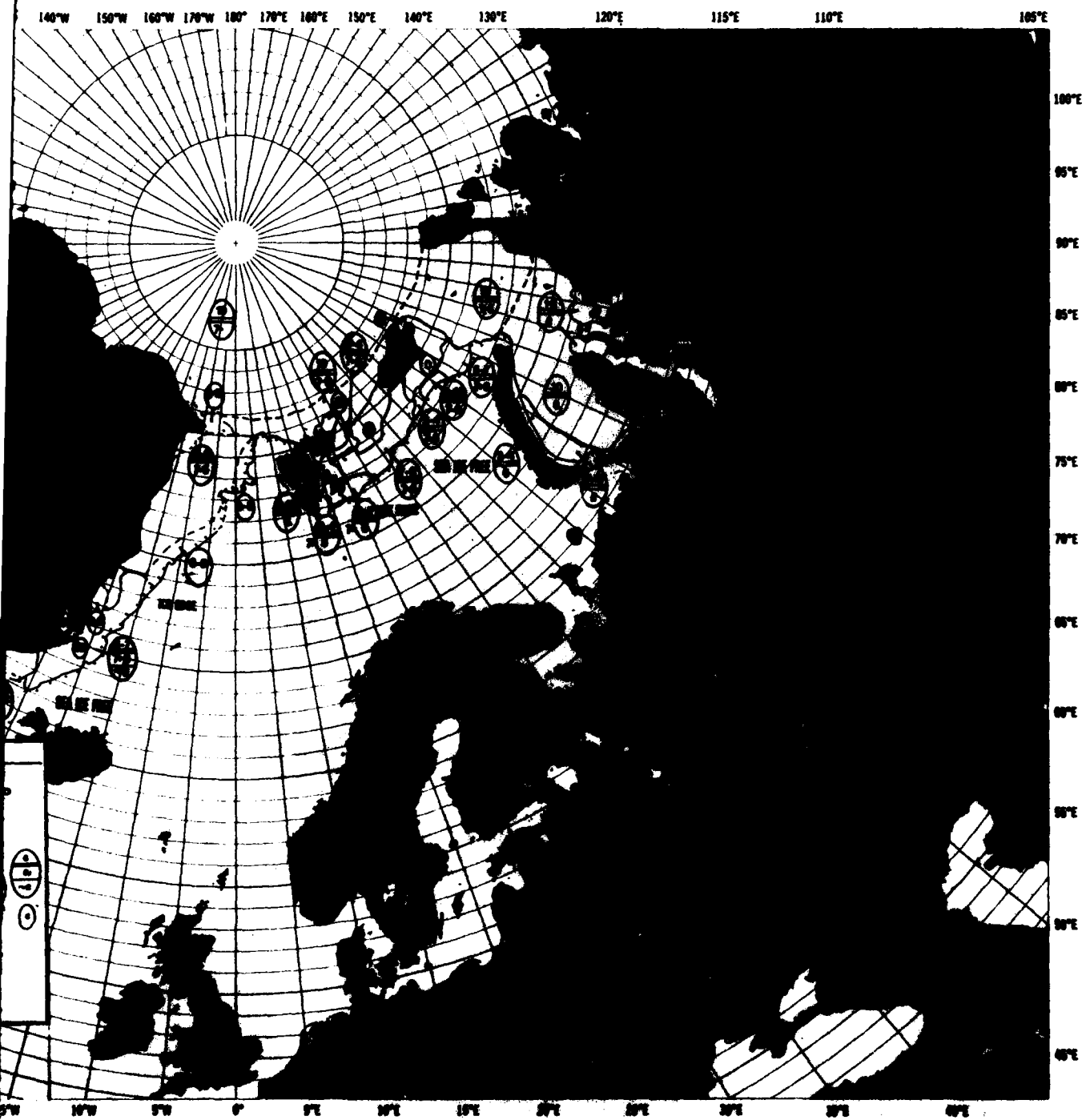


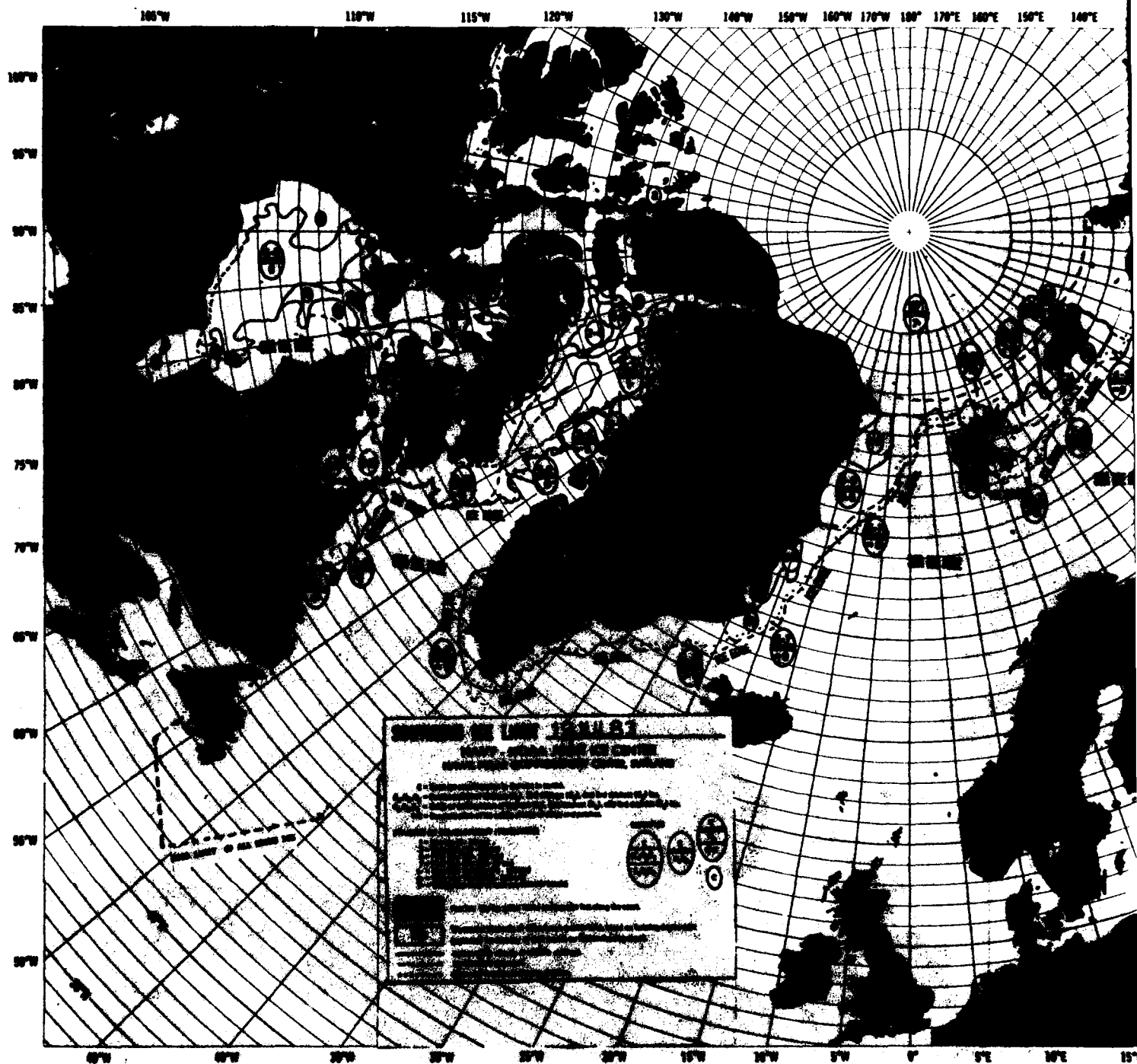


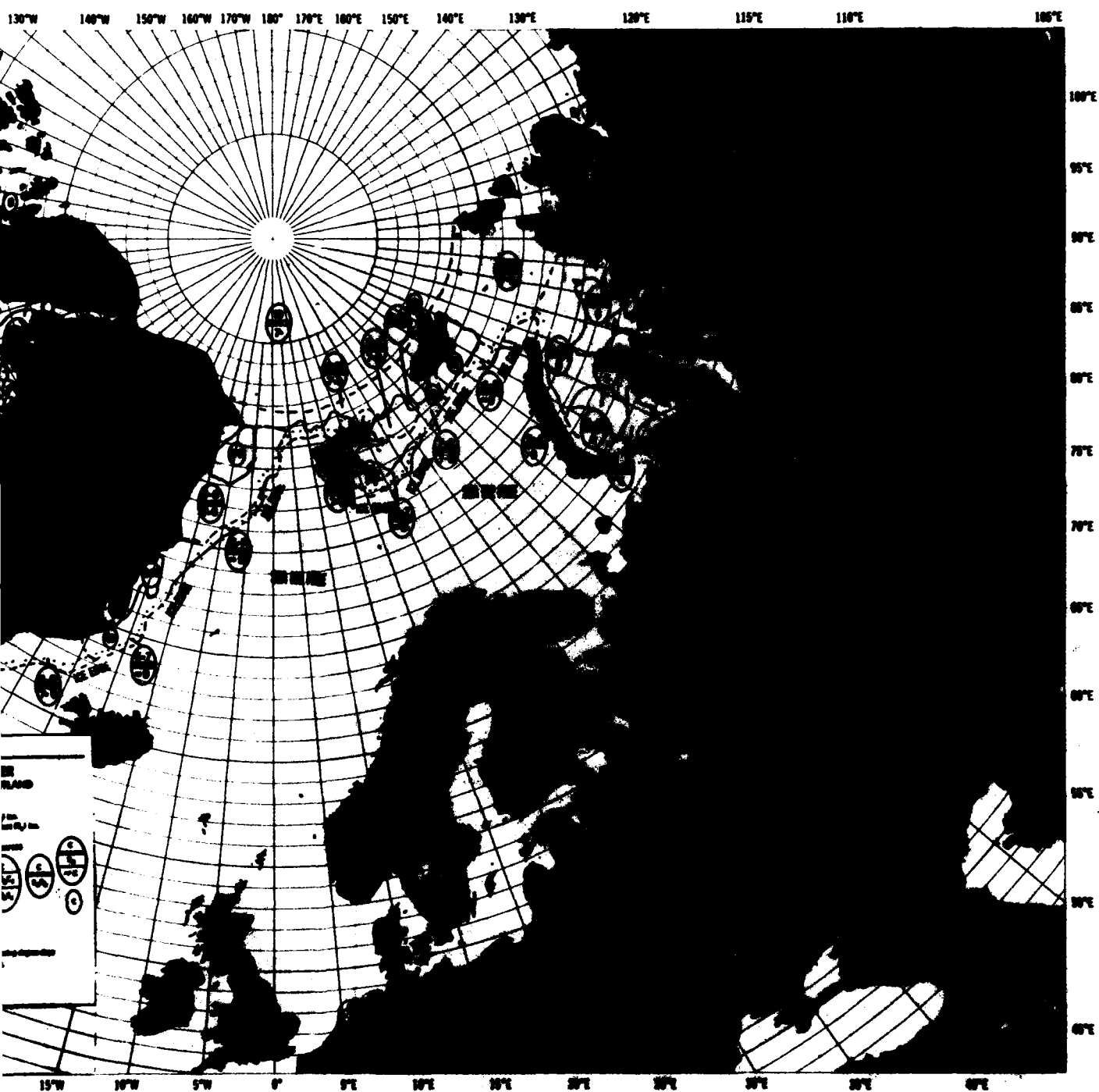


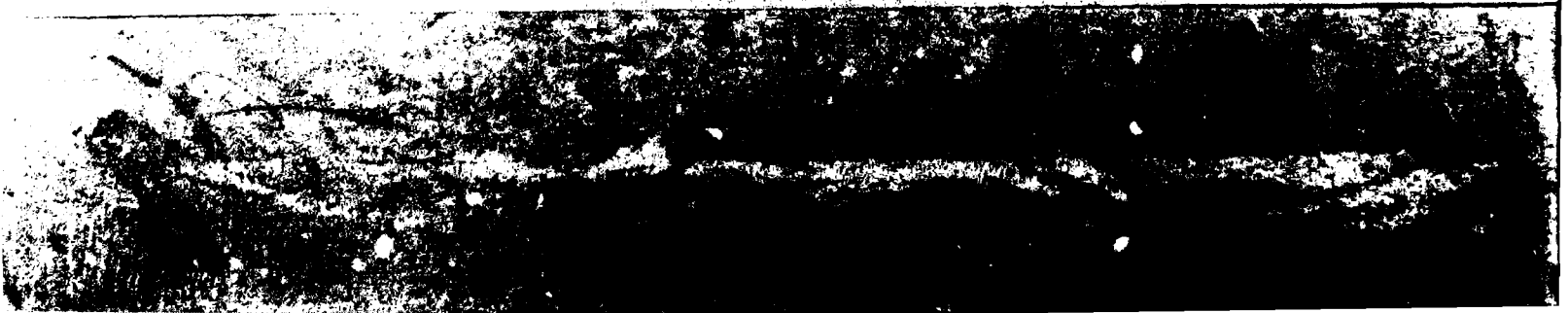
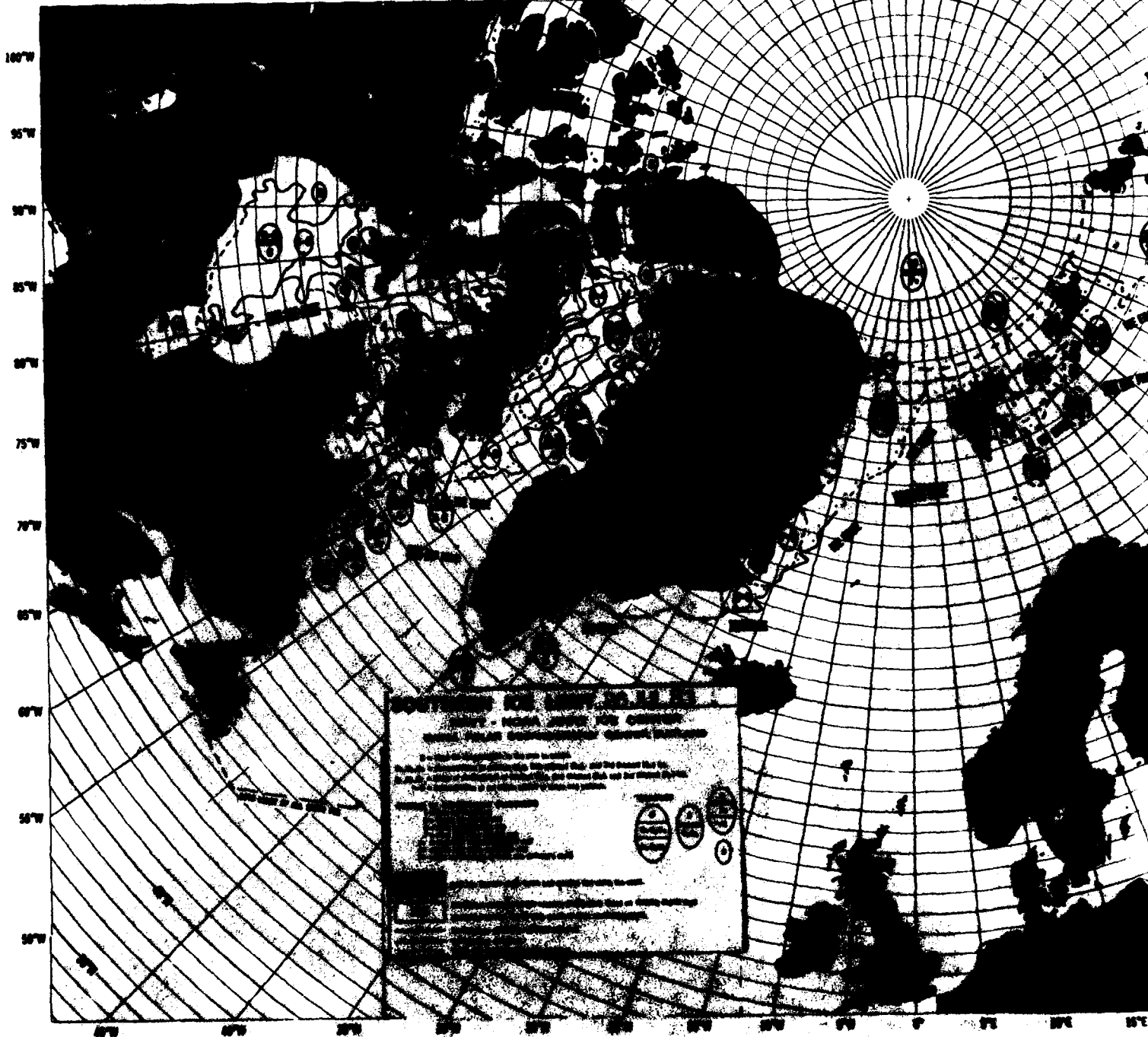


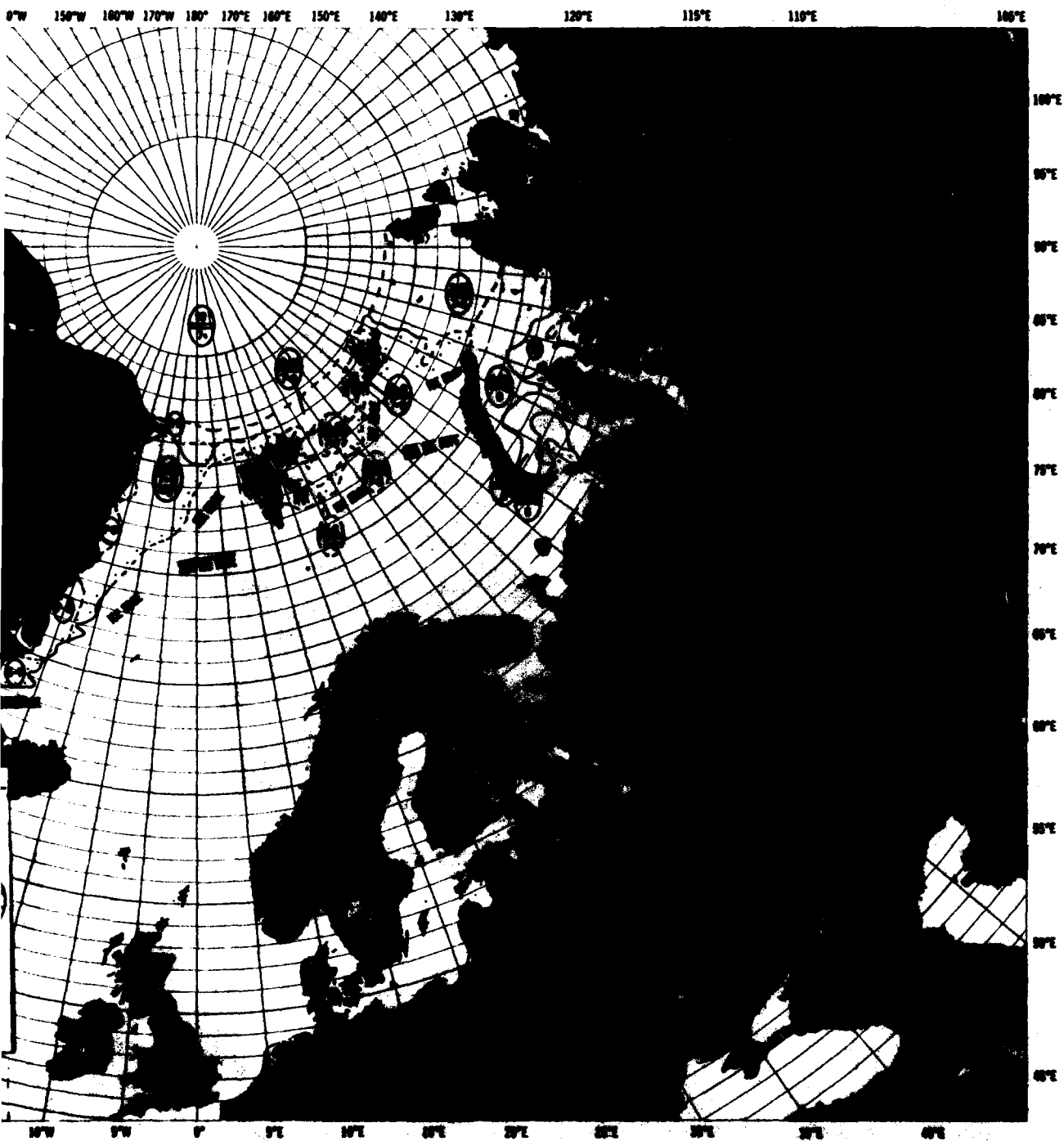


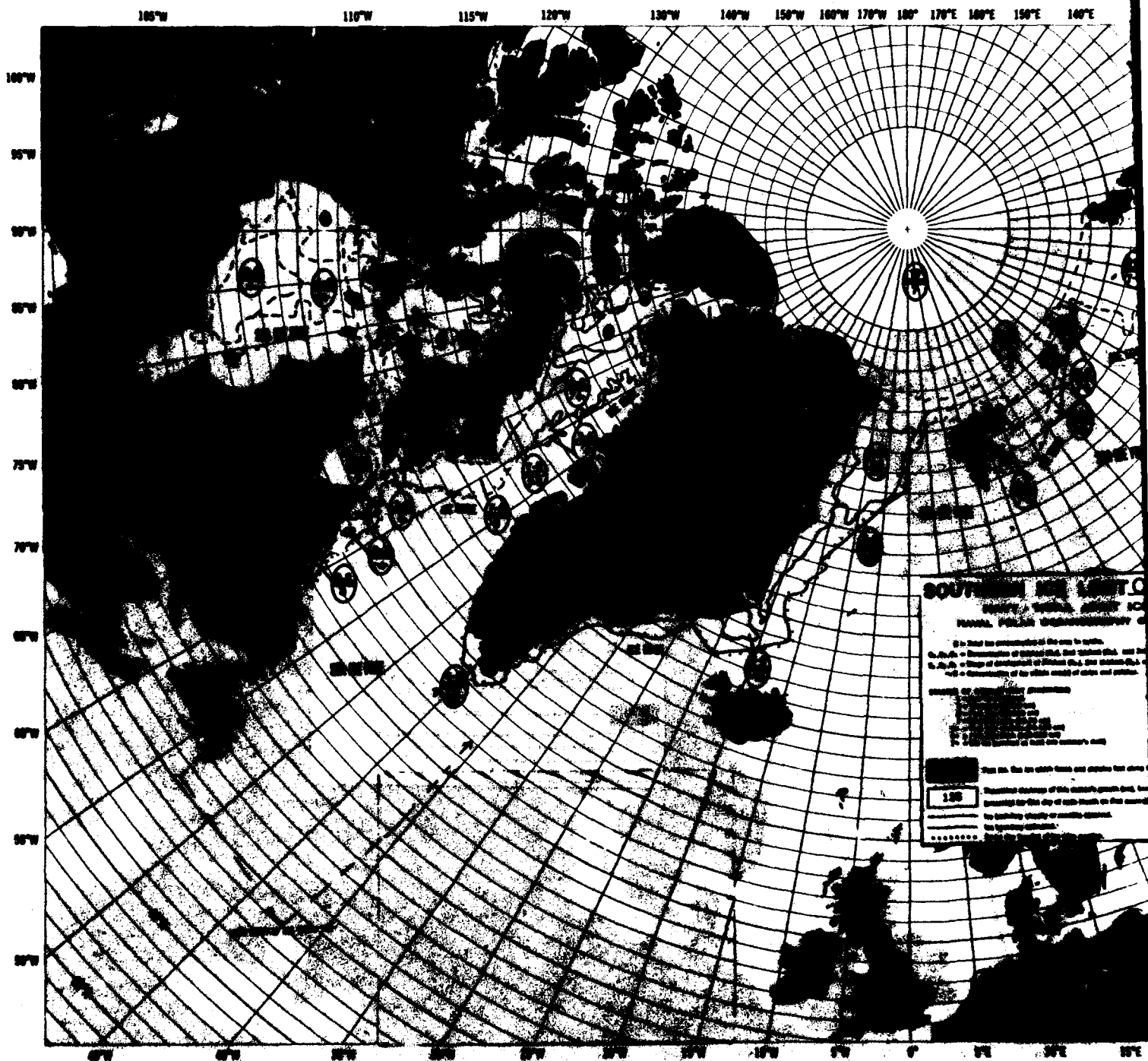












SOUTHERN OCEAN

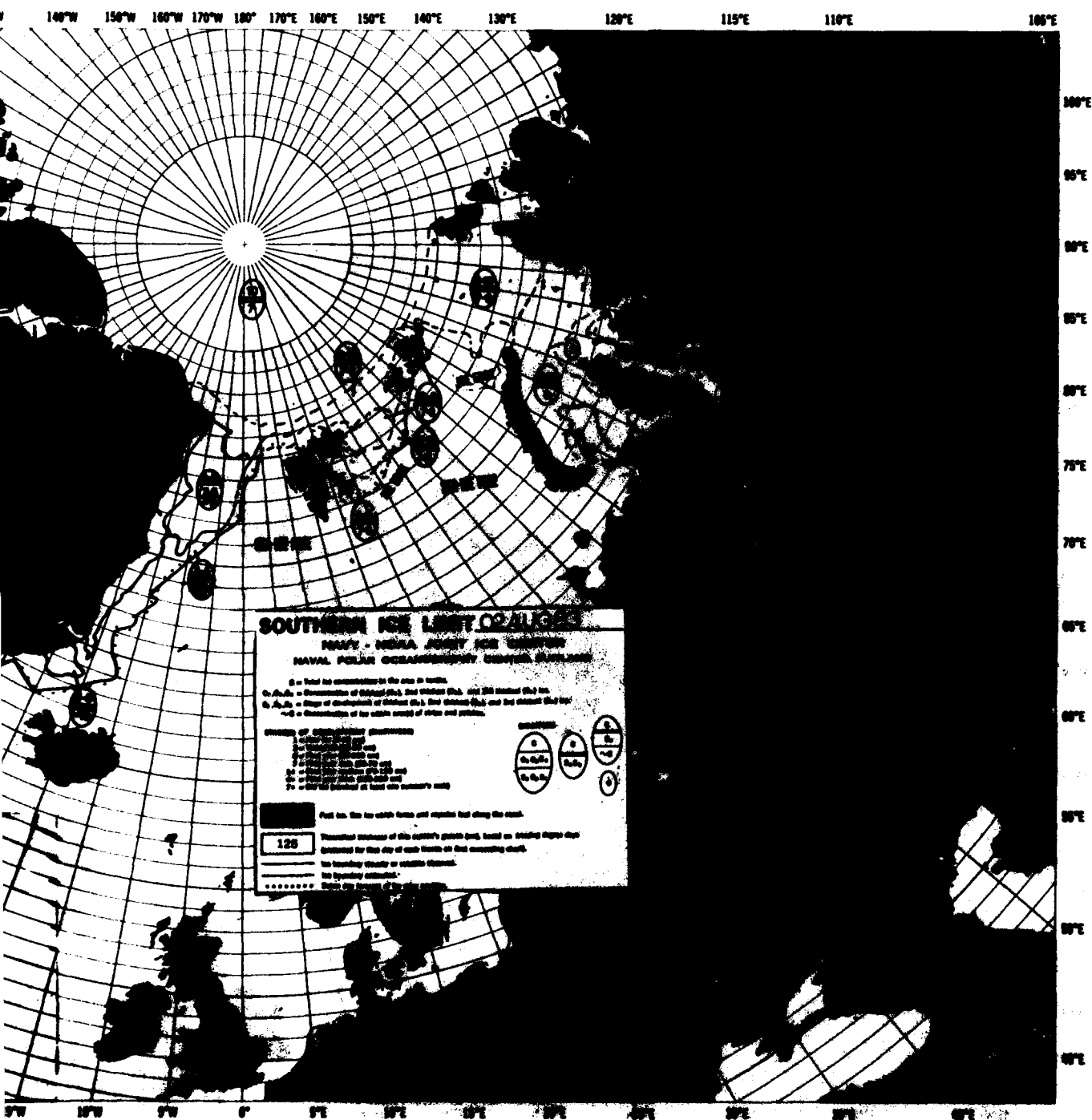
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NATIONAL POLAR COMMISSION

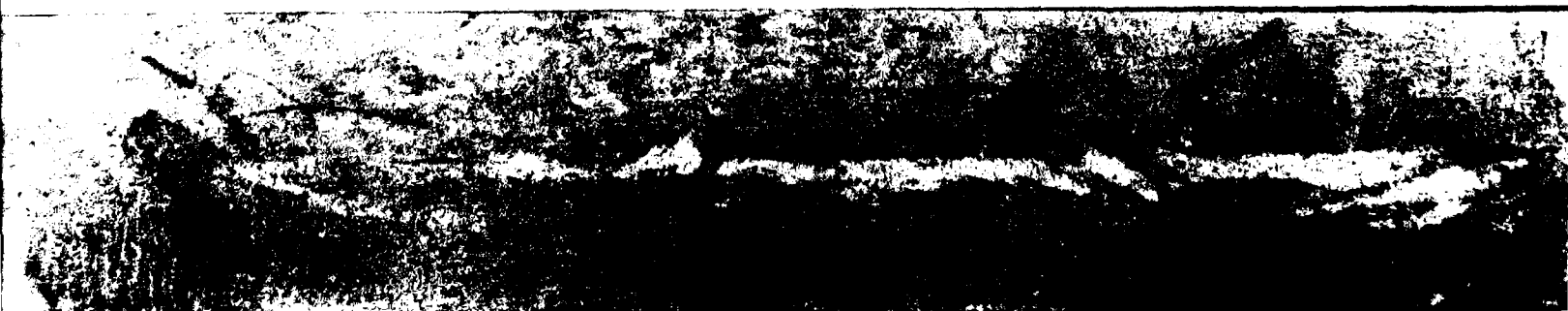
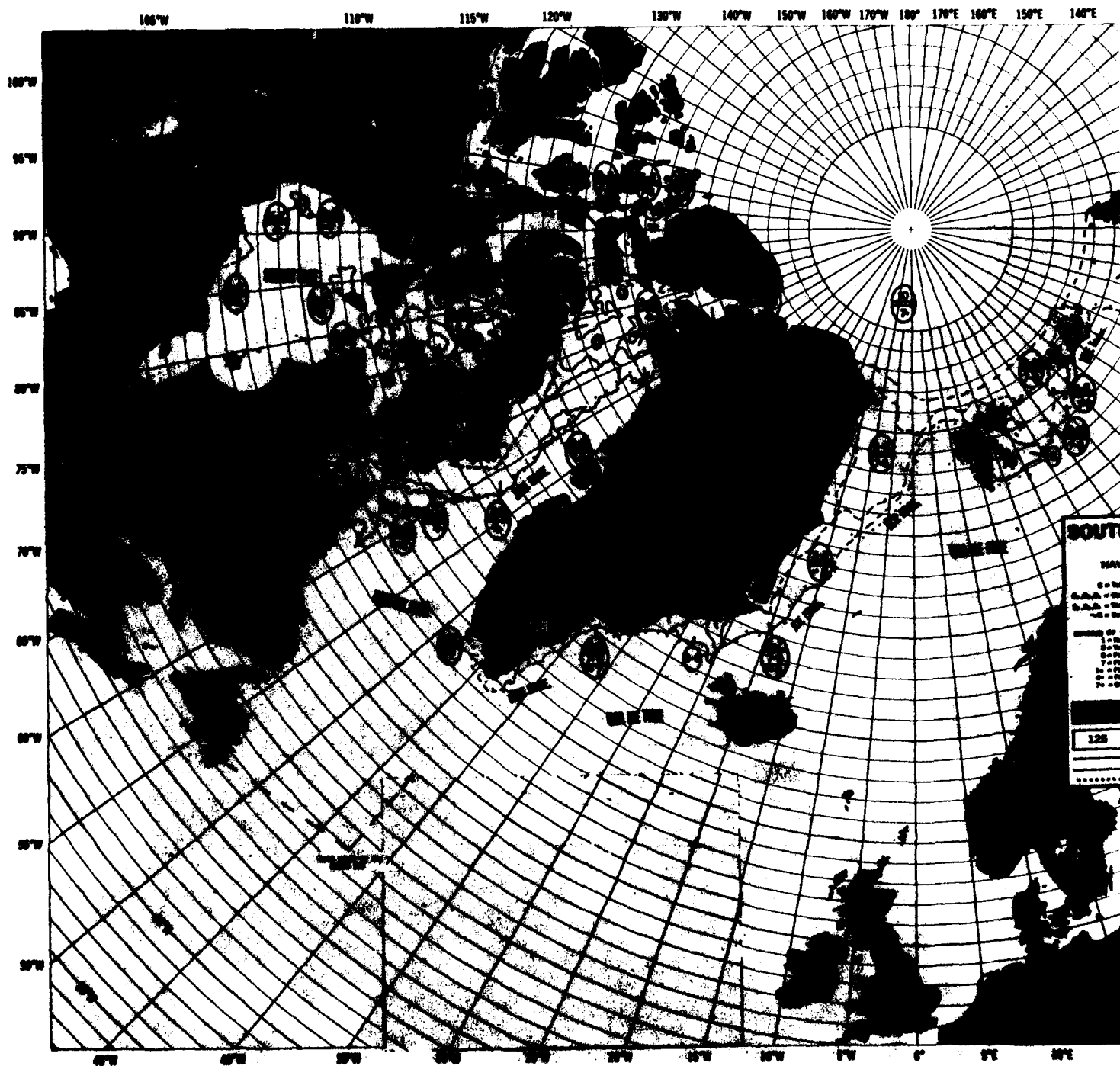
It is the policy of the Navy to publish
the results of its research in the Southern Ocean, and to
make them available to the public in the form of maps, charts,
and other publications.

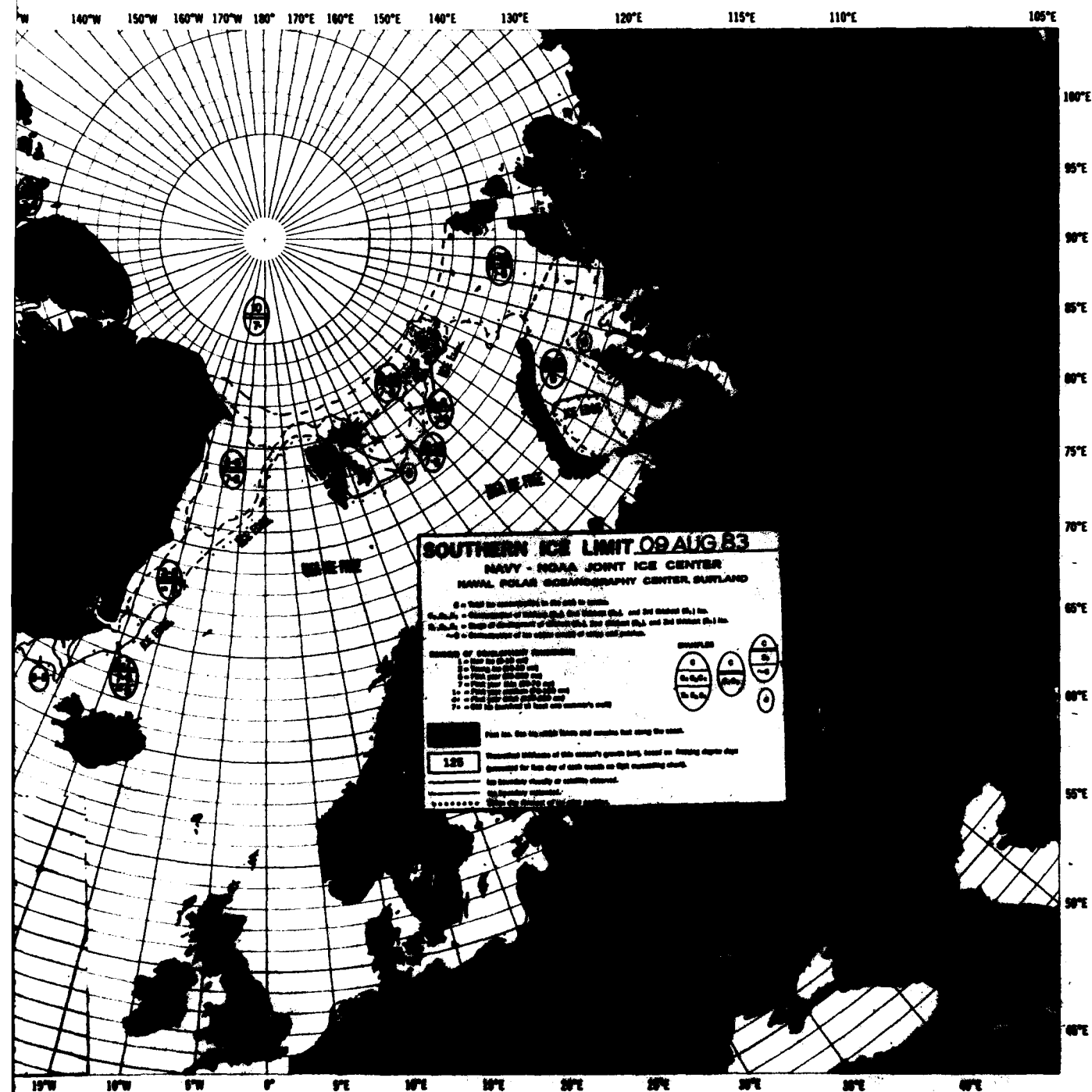
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AND BY THE NATIONAL POLAR COMMISSION,
WASHINGTON, D.C.

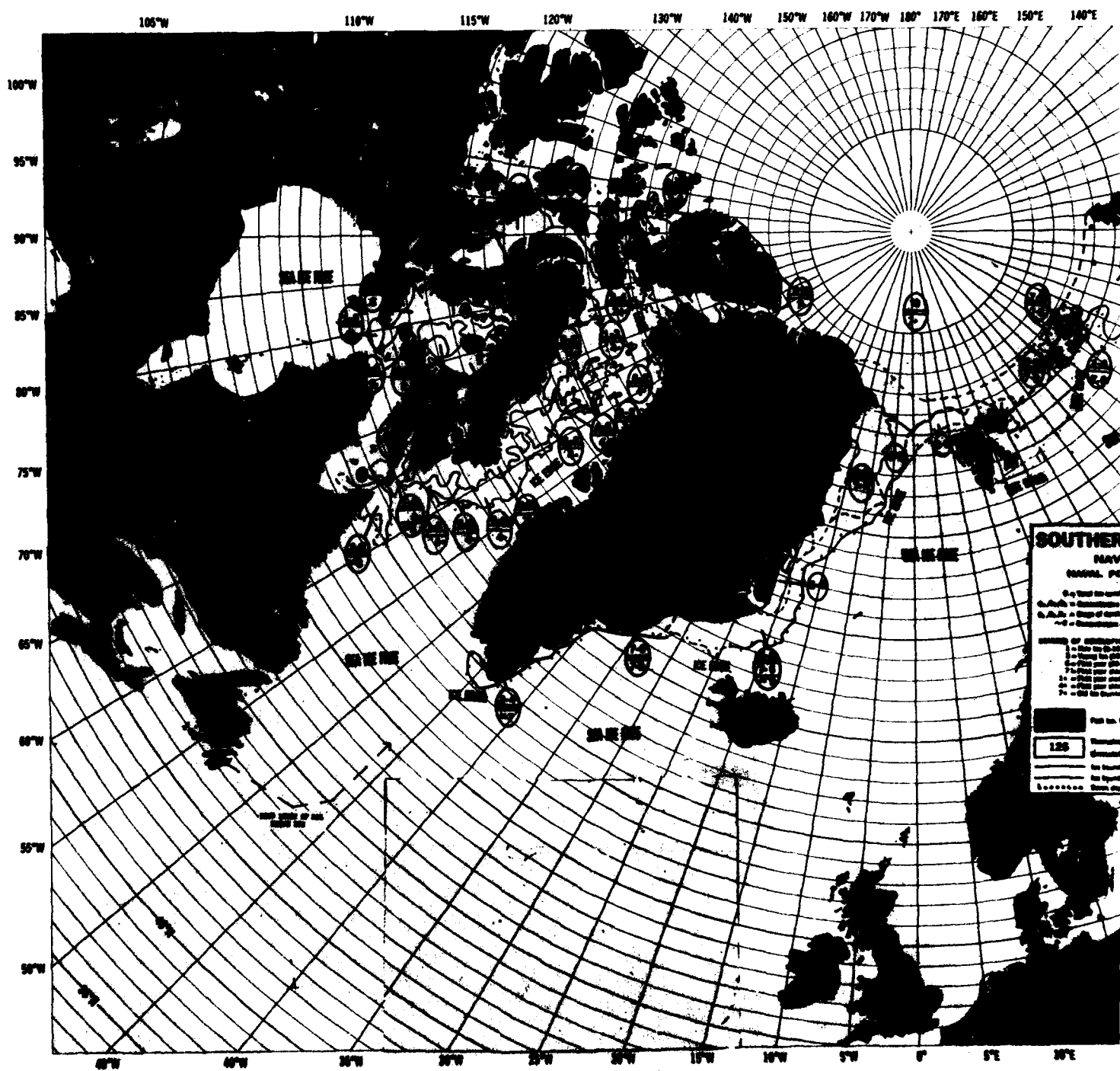
Scale 1:500,000
The distance between the lines of latitude and longitude is
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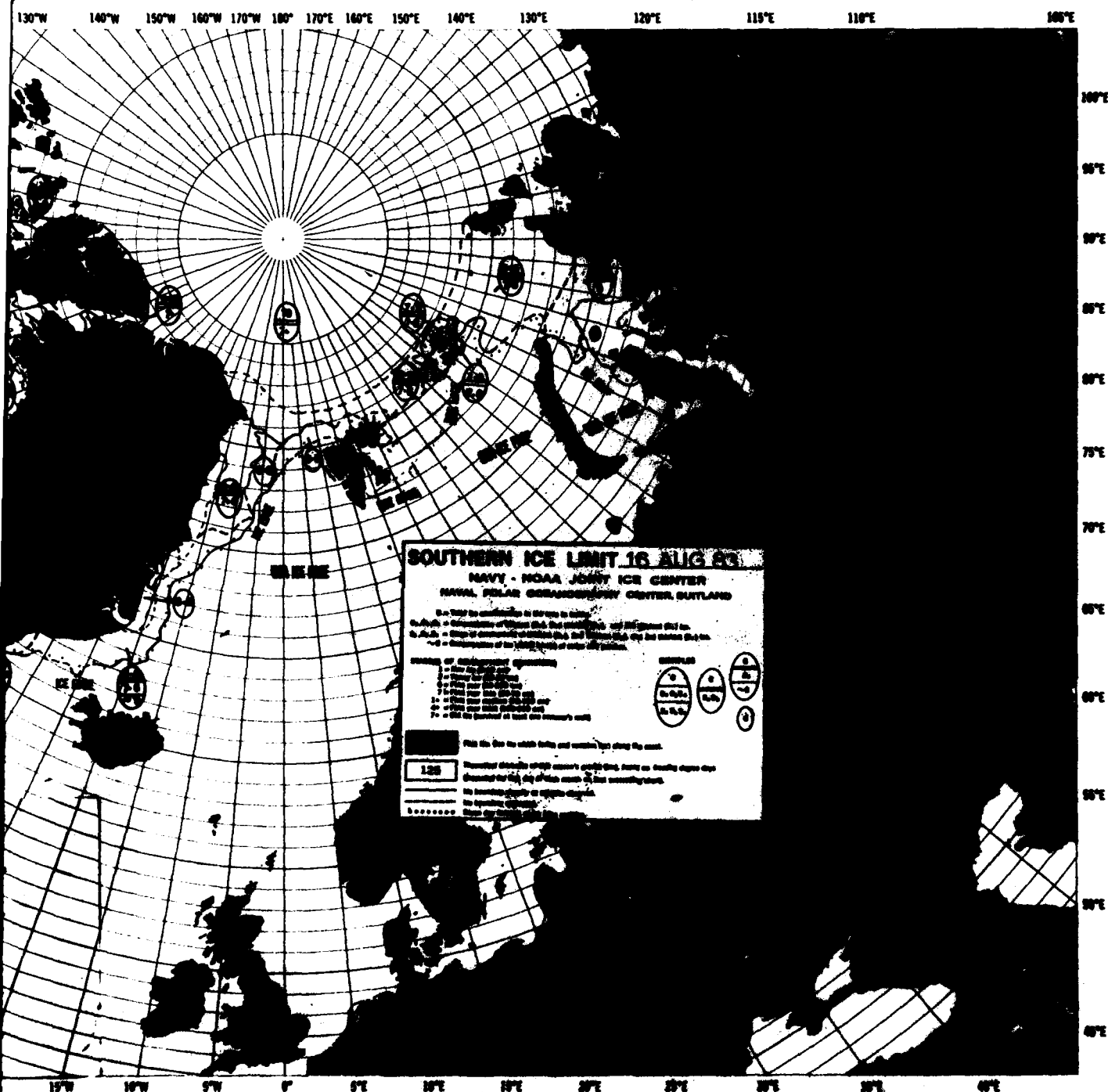
For further information, contact the
National Polar Commission, Washington, D.C.

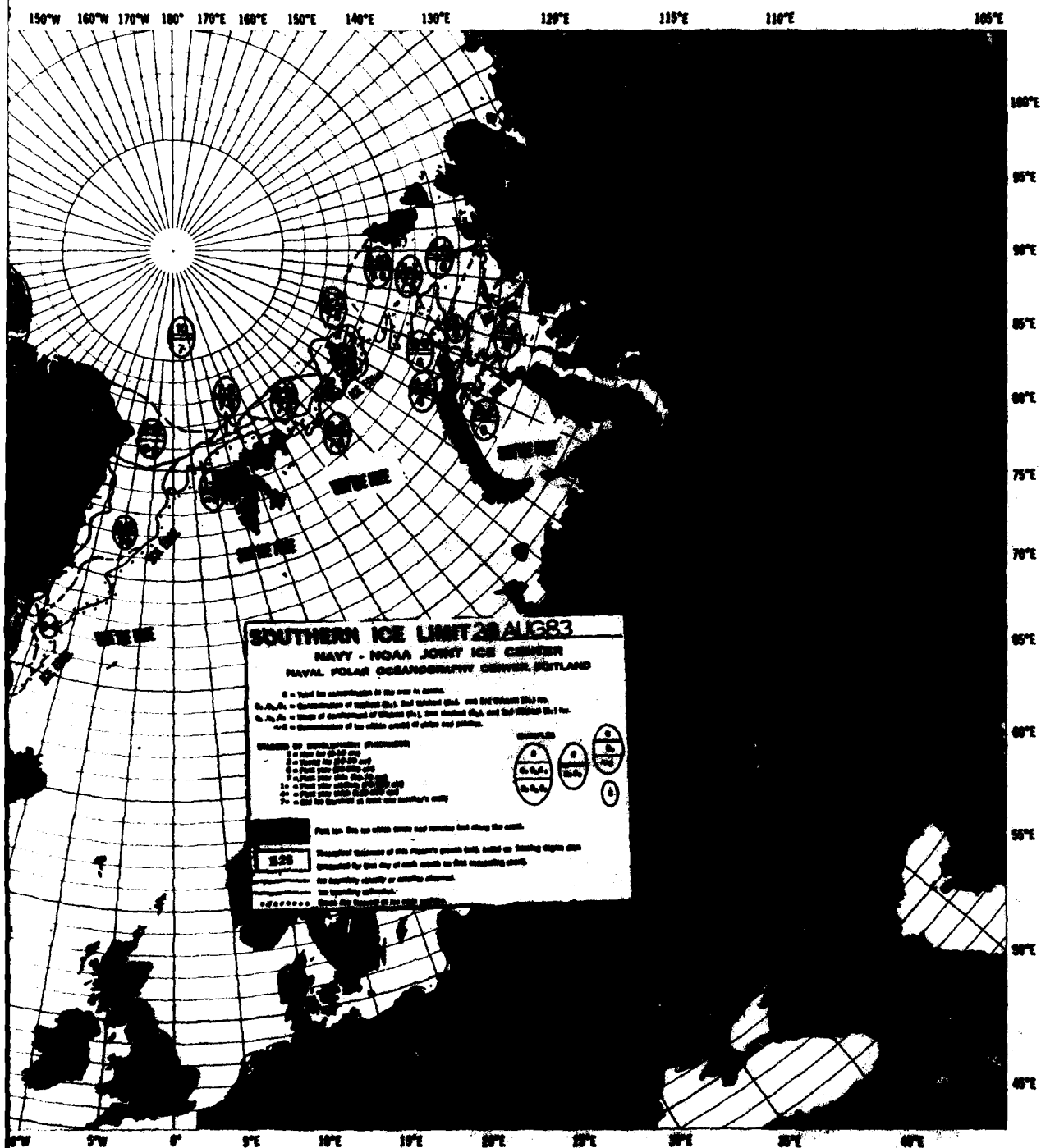


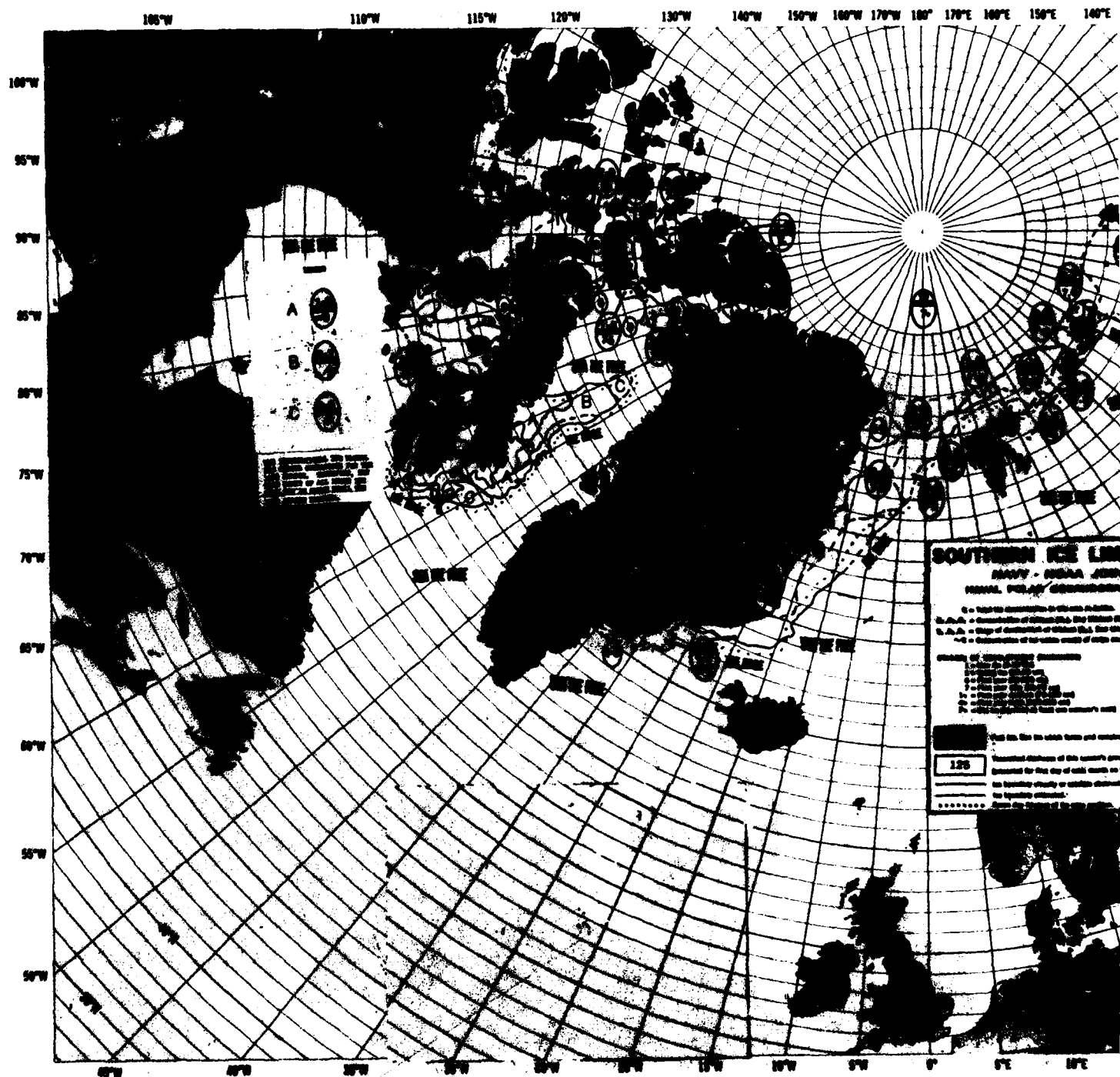


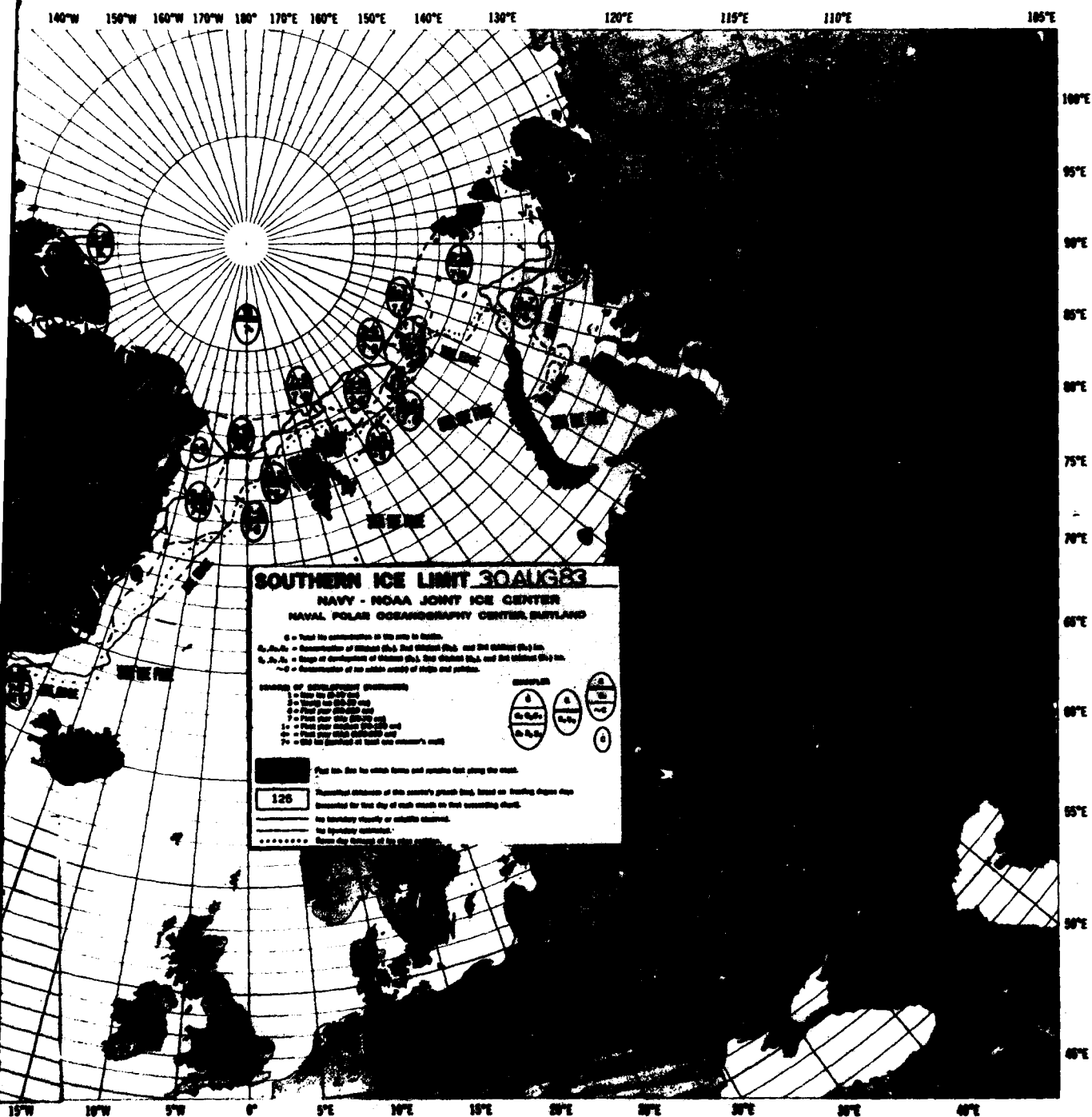


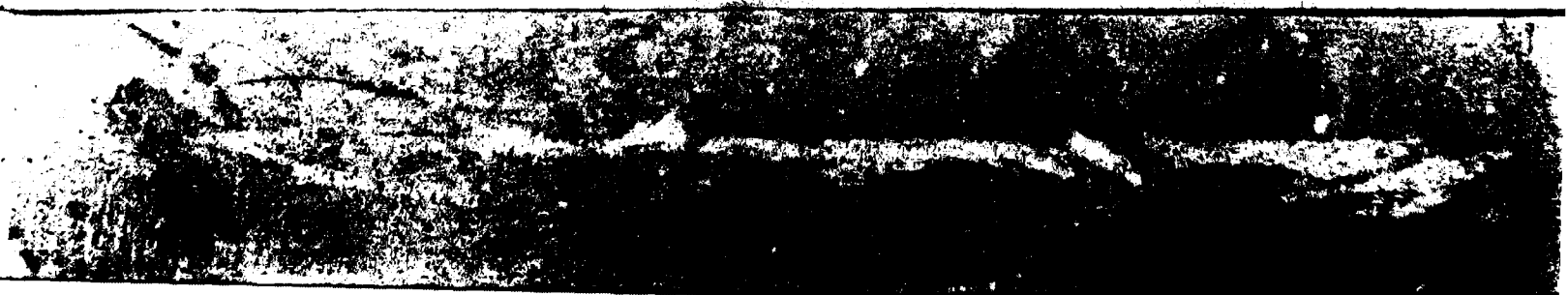
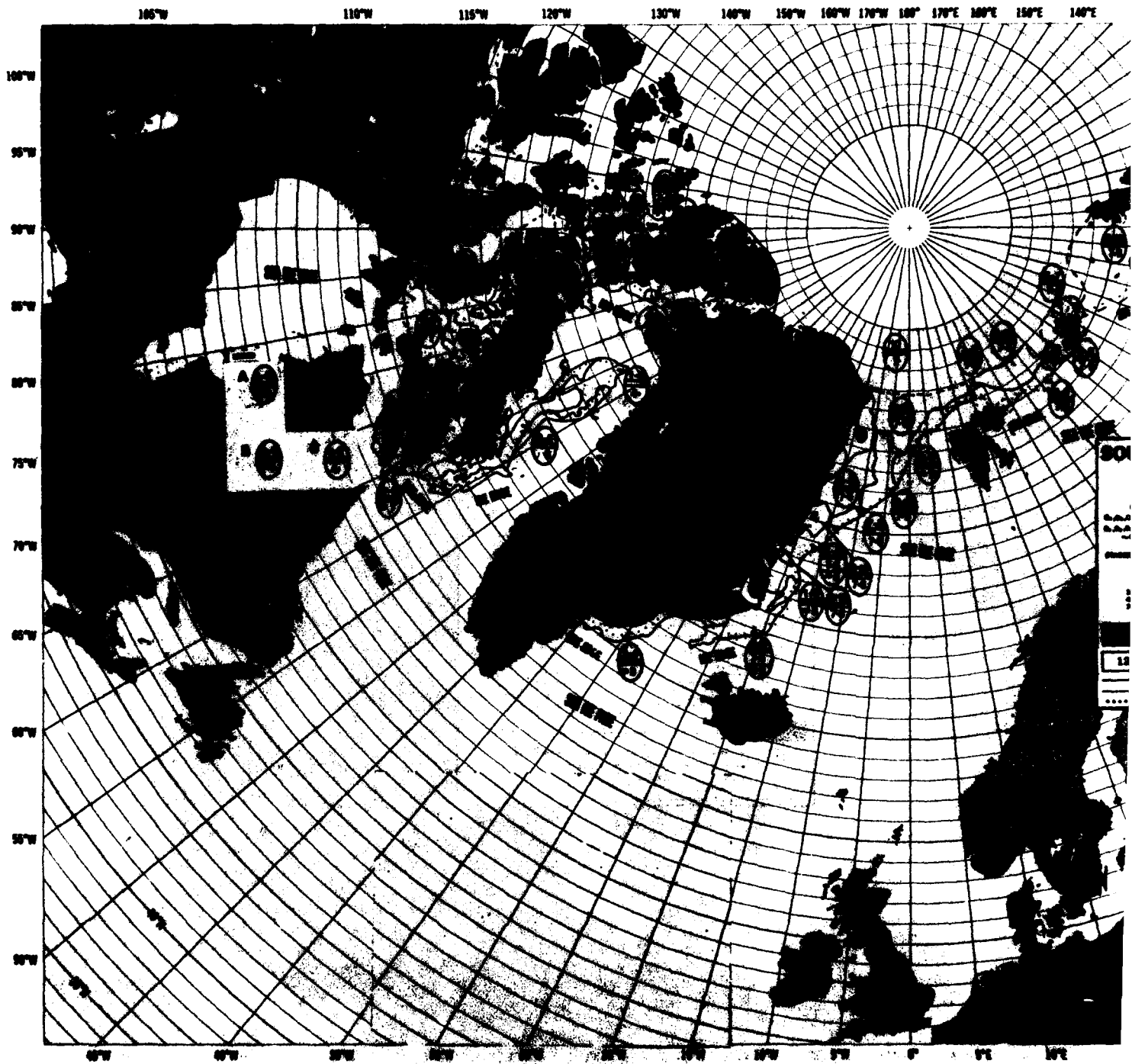


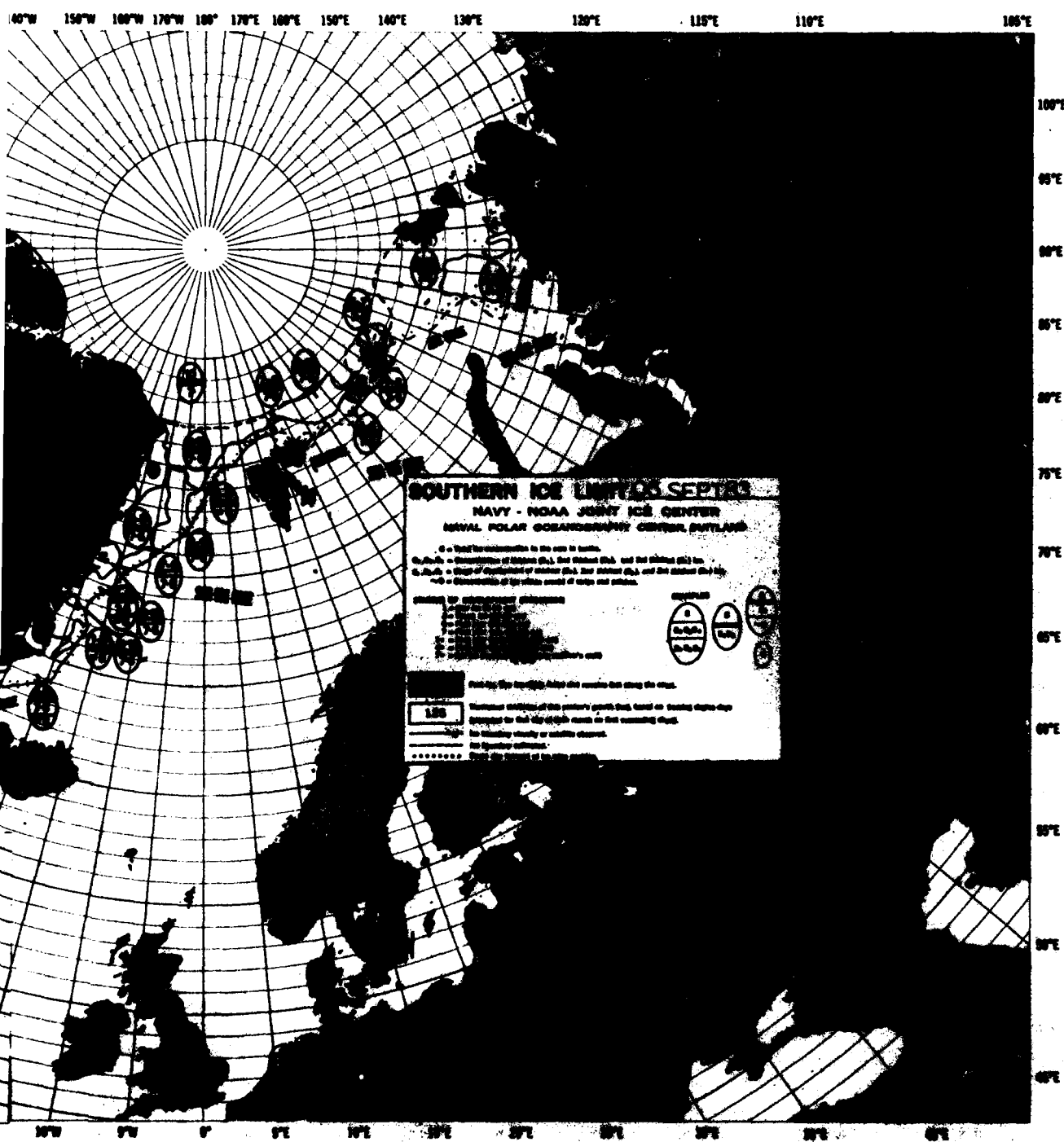


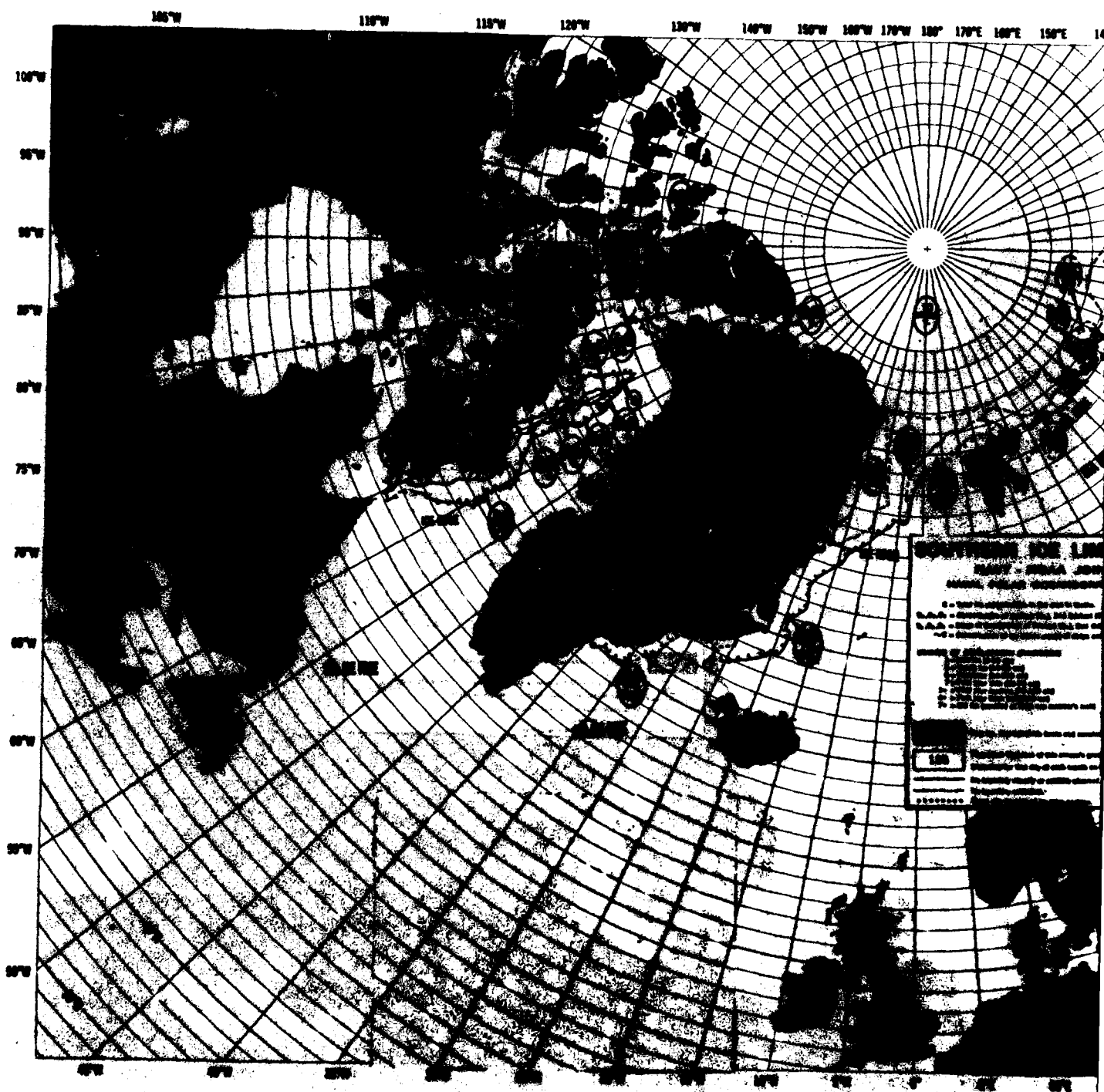


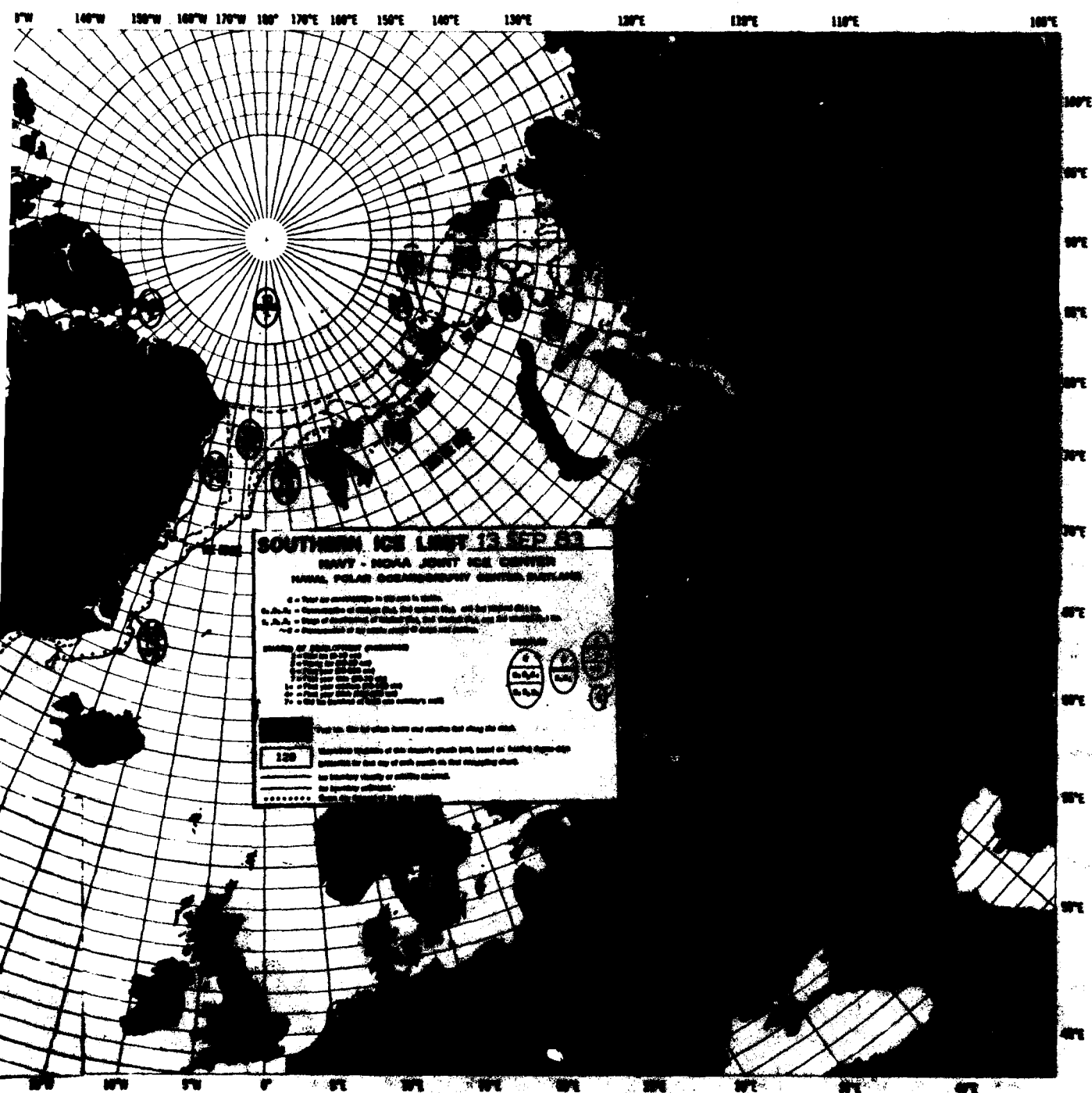


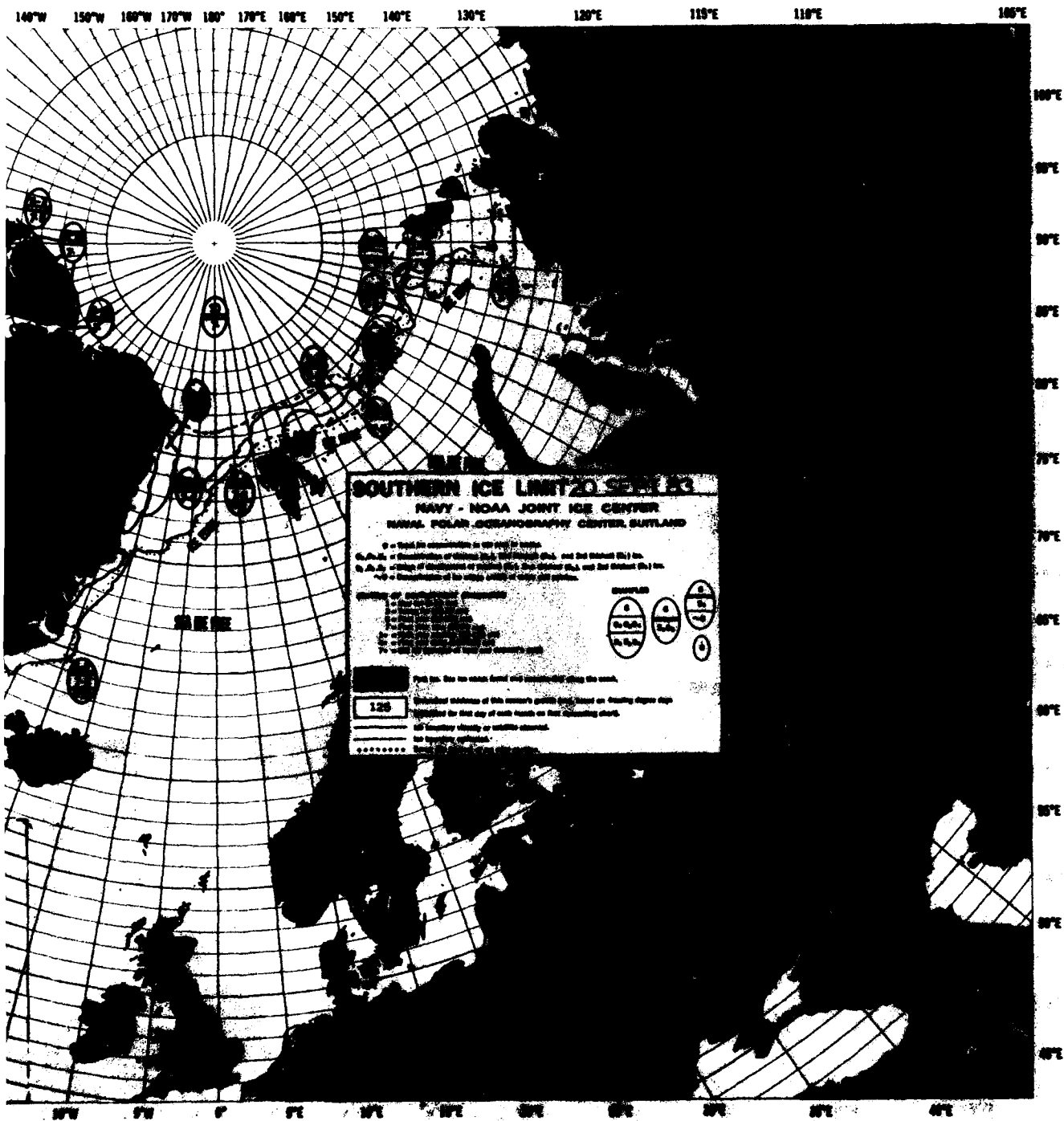


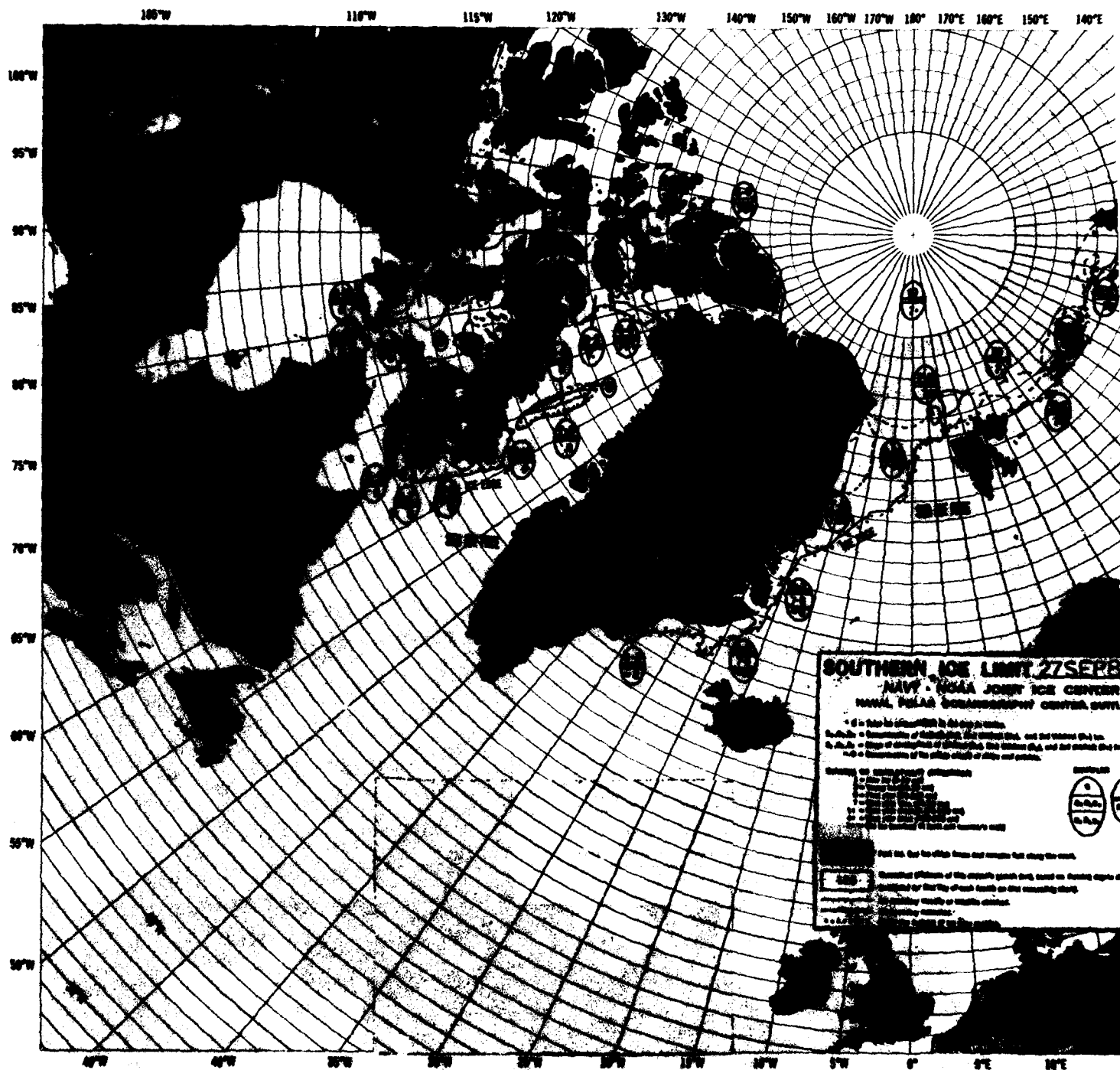












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100°E
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SOUTHERN ICE LIMIT 27SEP83
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* 0 = Data too unreliable to be used in analysis.
 0.0/0.0 = Concentration of observed data, 0.0 for observed data, and 0.0 for observed data.
 0.0/0.0 = Degree of confidence in observed data, 0.0 for observed data, and 0.0 for observed data.
 0.0 = Concentration of the entire study of data and analysis.

REMARKS OF OBSERVATIONS (REMARKS)

- 0 = Data too unreliable to be used in analysis.
- 0.0/0.0 = Concentration of observed data, 0.0 for observed data, and 0.0 for observed data.
- 0.0/0.0 = Degree of confidence in observed data, 0.0 for observed data, and 0.0 for observed data.
- 0.0 = Concentration of the entire study of data and analysis.

EXAMPLE

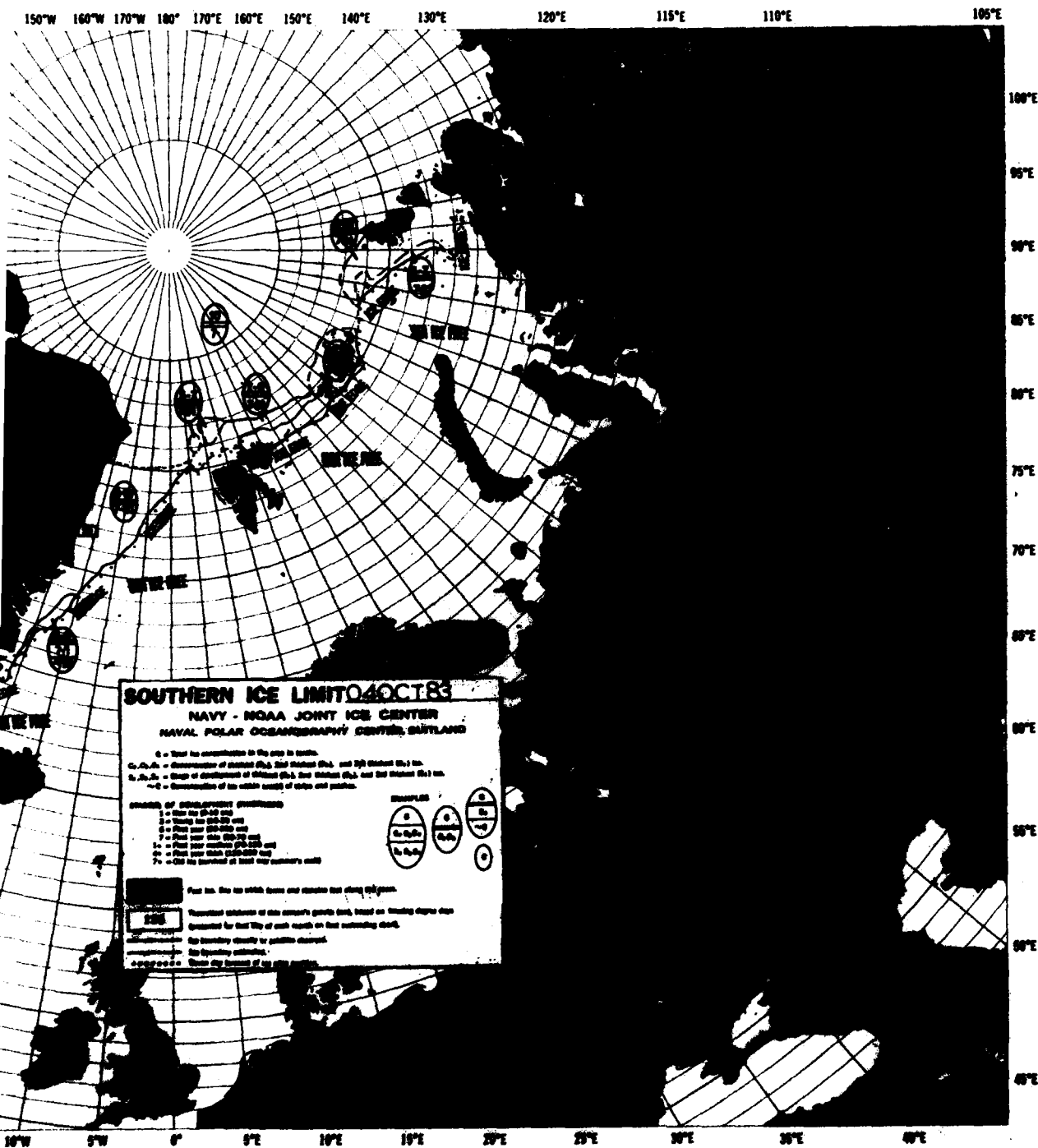
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125 - Period of time for which data and analysis are along the coast.

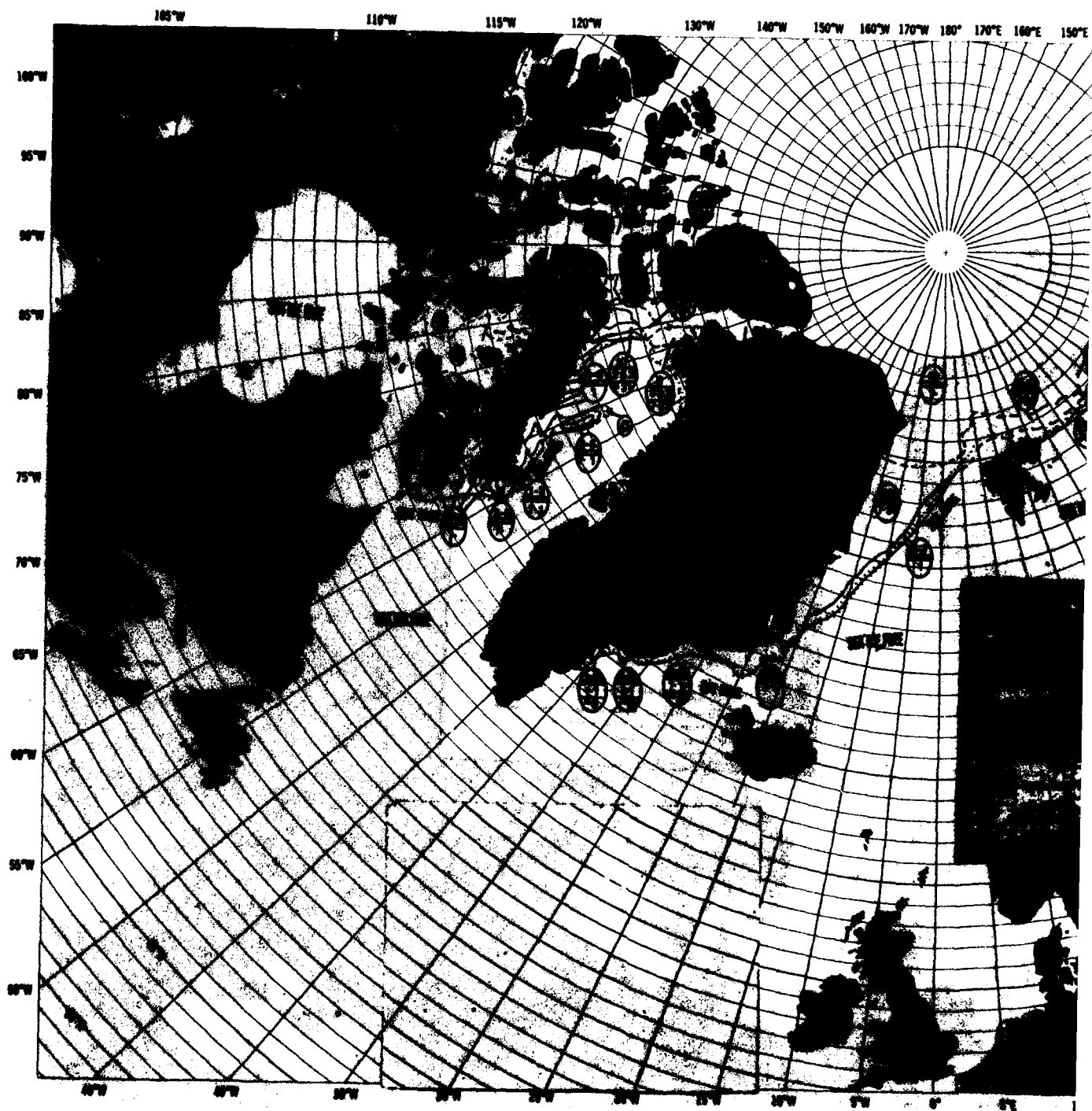
125 - Period of time for which data and analysis are along the coast.

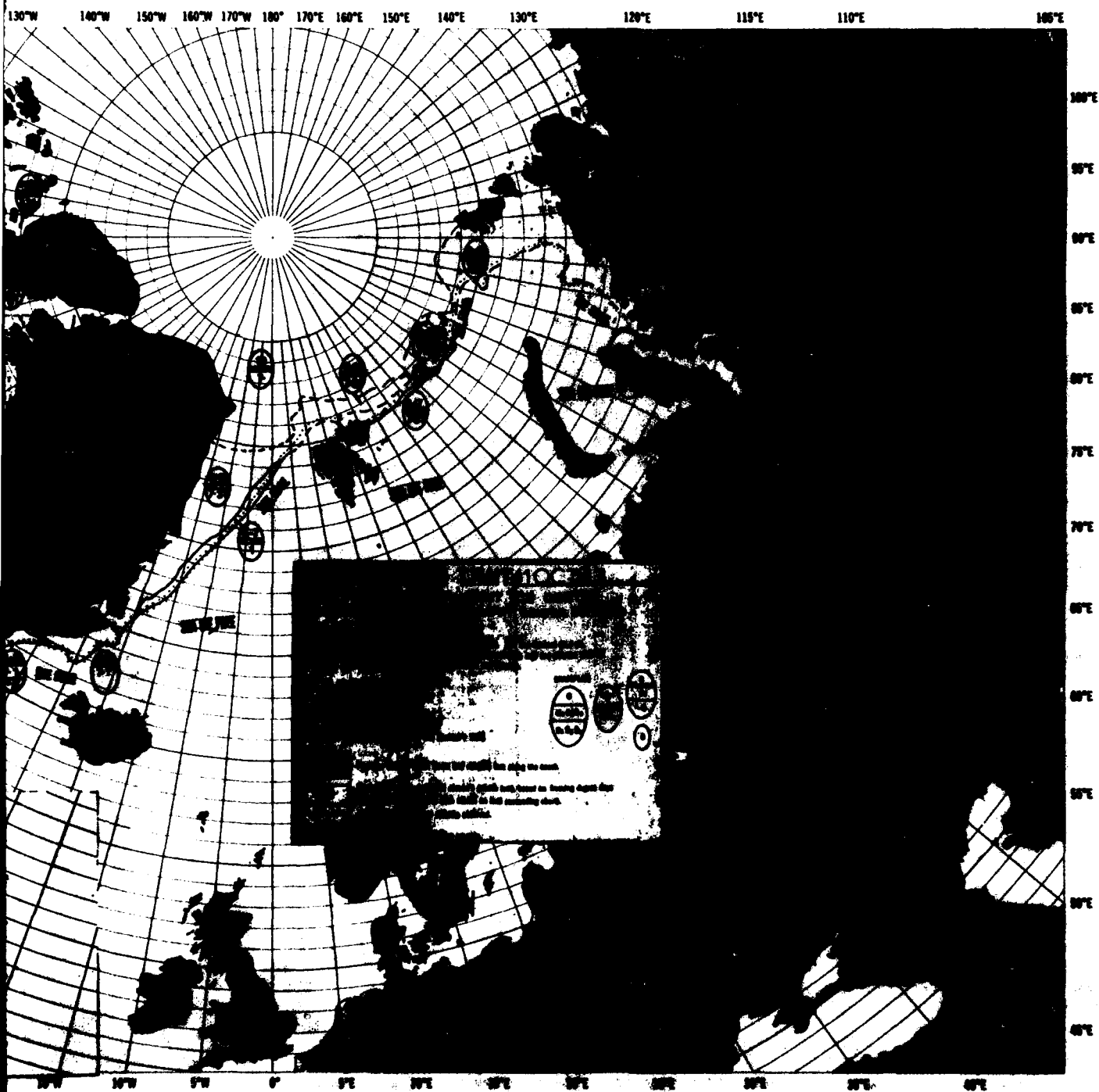
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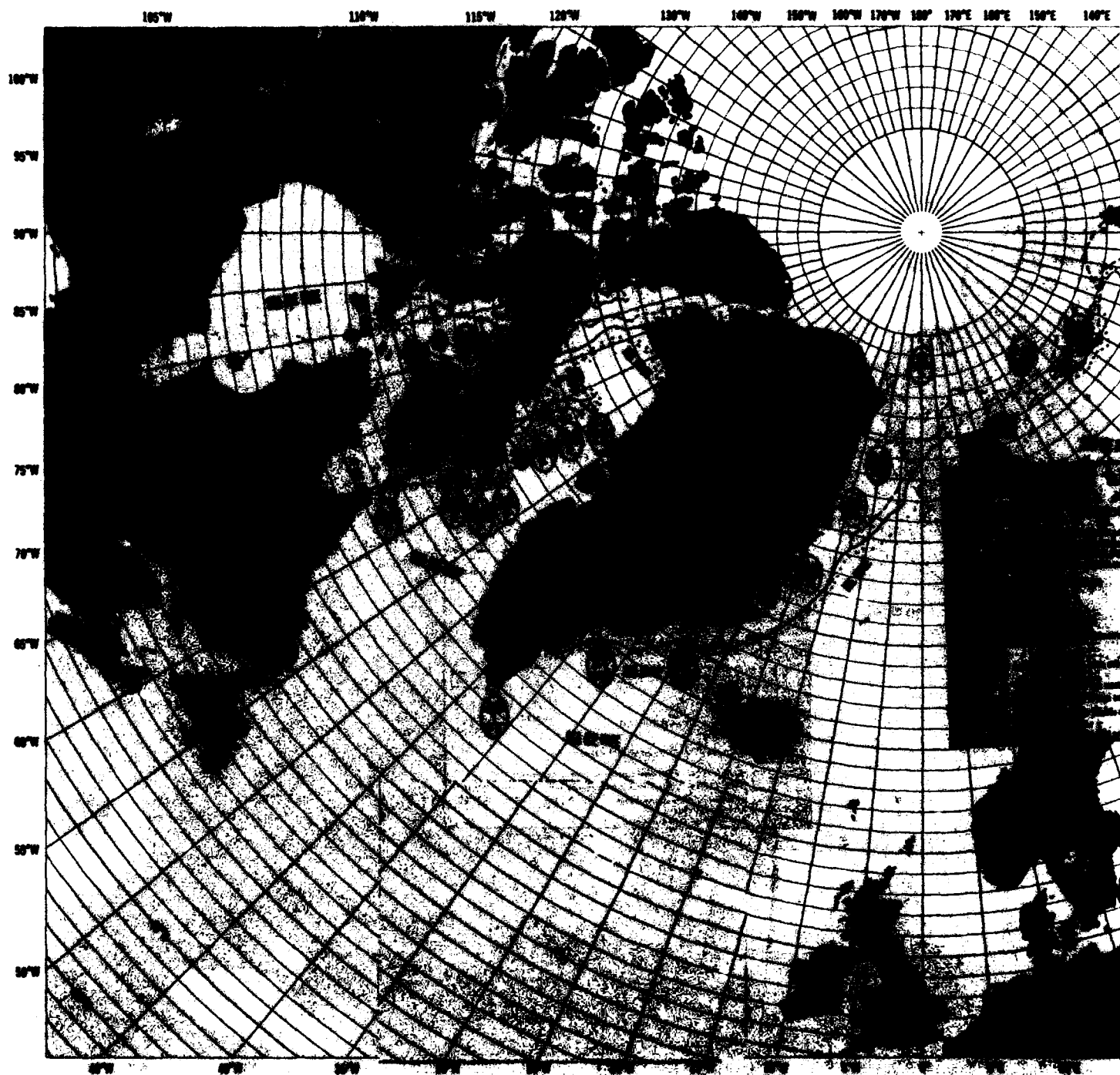
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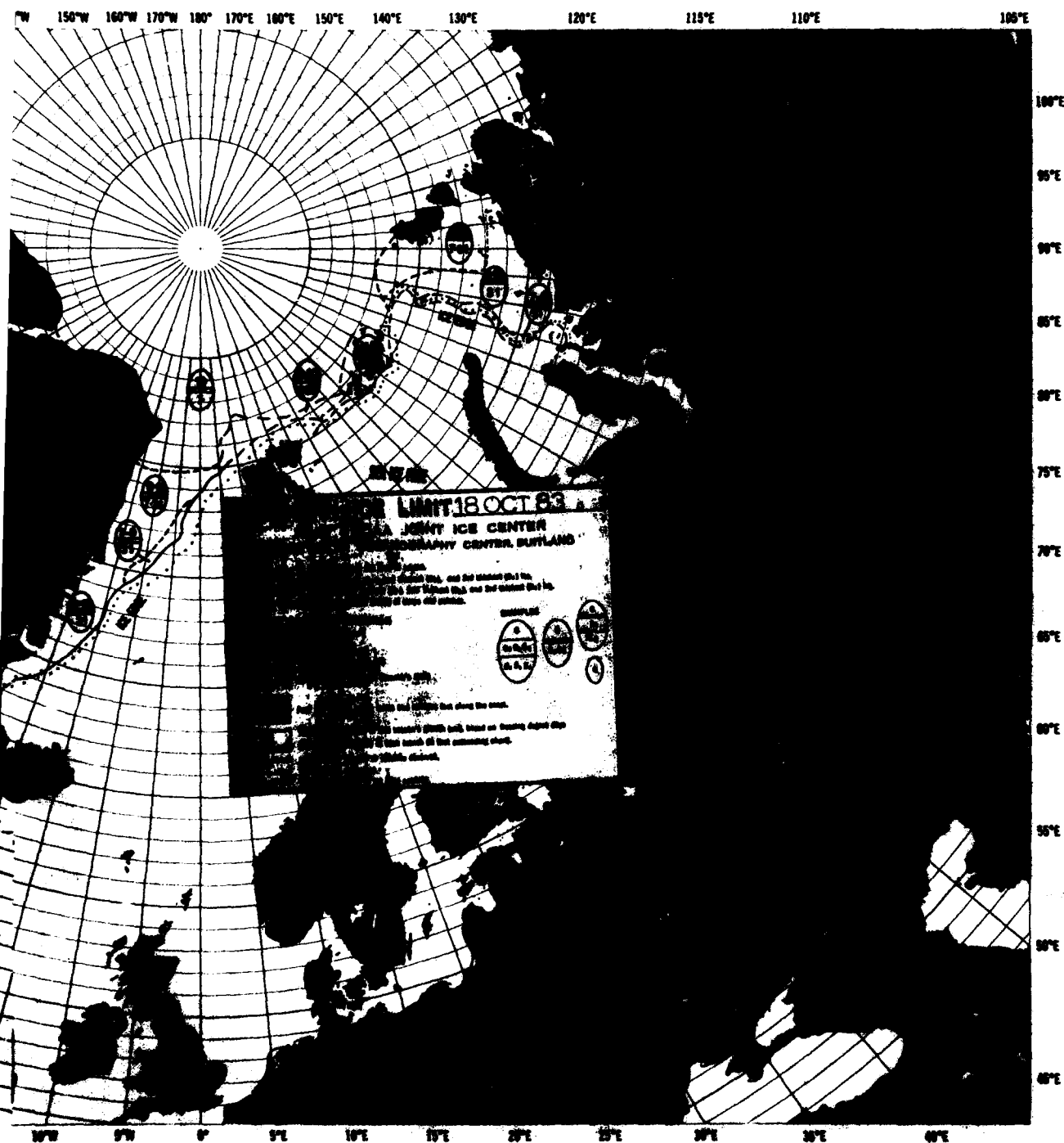


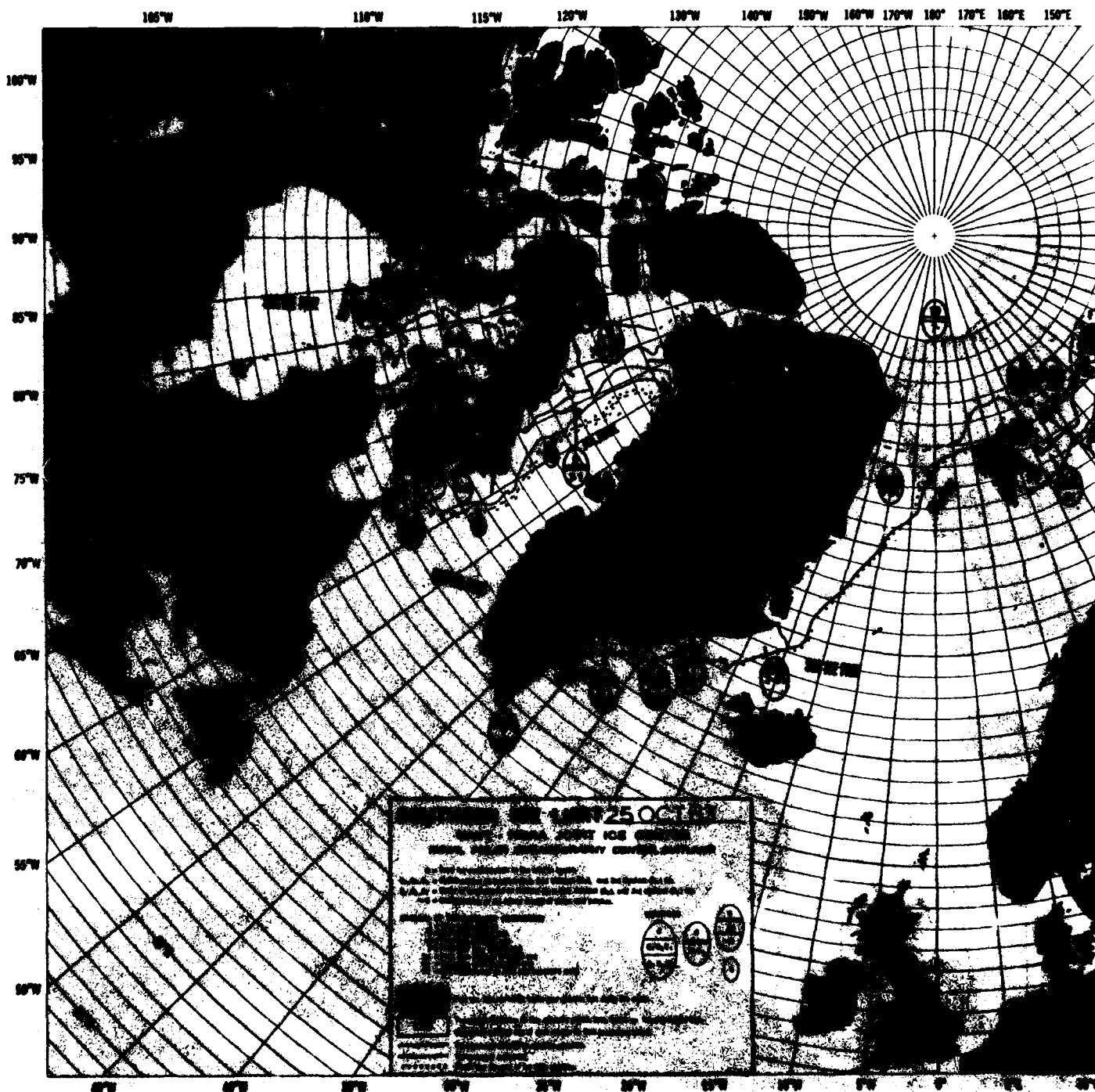
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| Sea ice, polar ice fields, satellite imagery, concentration, stage of development, fast ice, concentration of thickness, theoretical thickness, Arctic | | |
| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number) | | |
| These are approximately 7-days analysis of sea ice prepared by the Naval Polar Oceanography Center, Suitland, MD. Included are ice concentration and ice thickness (age) | | |

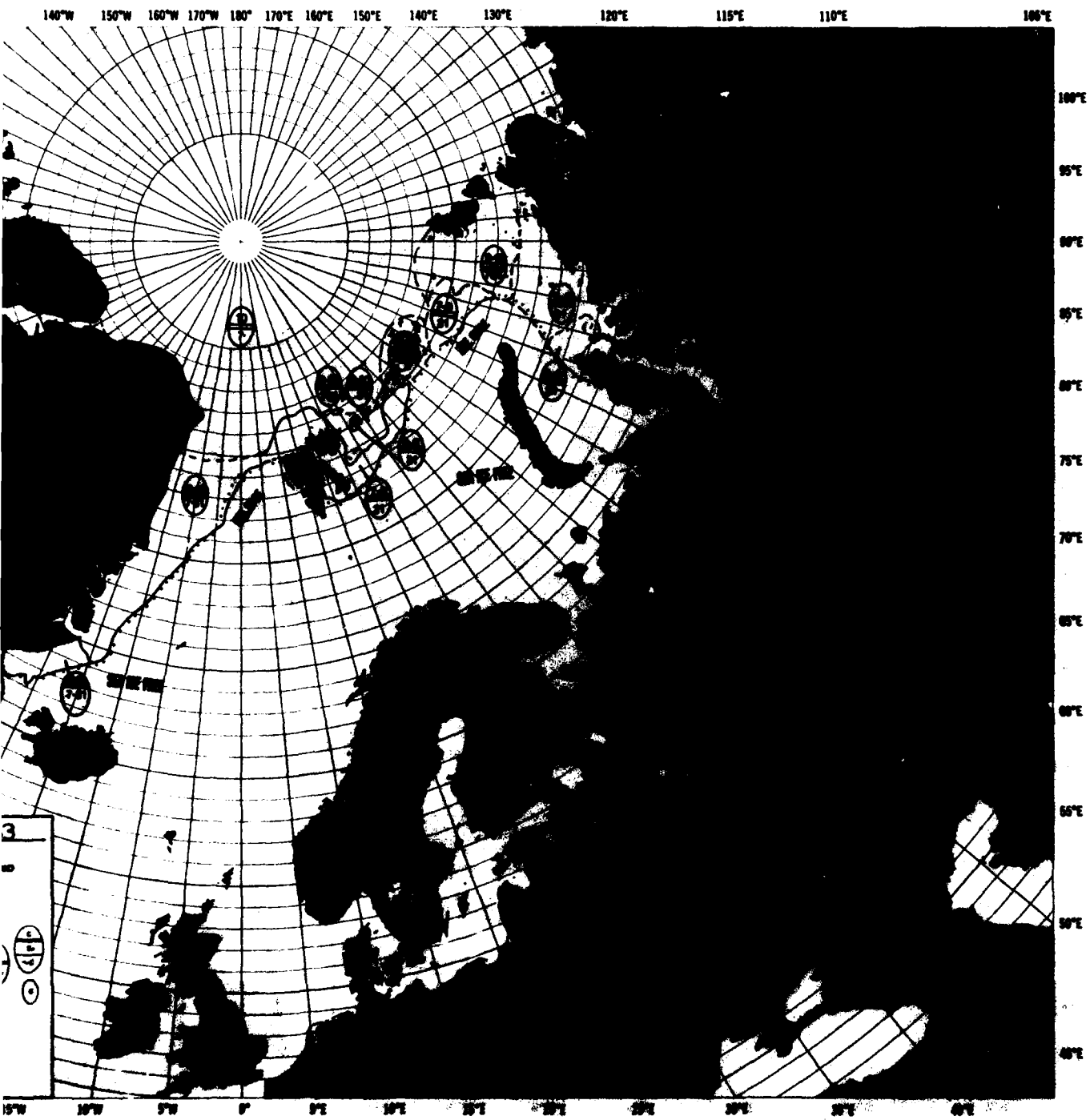


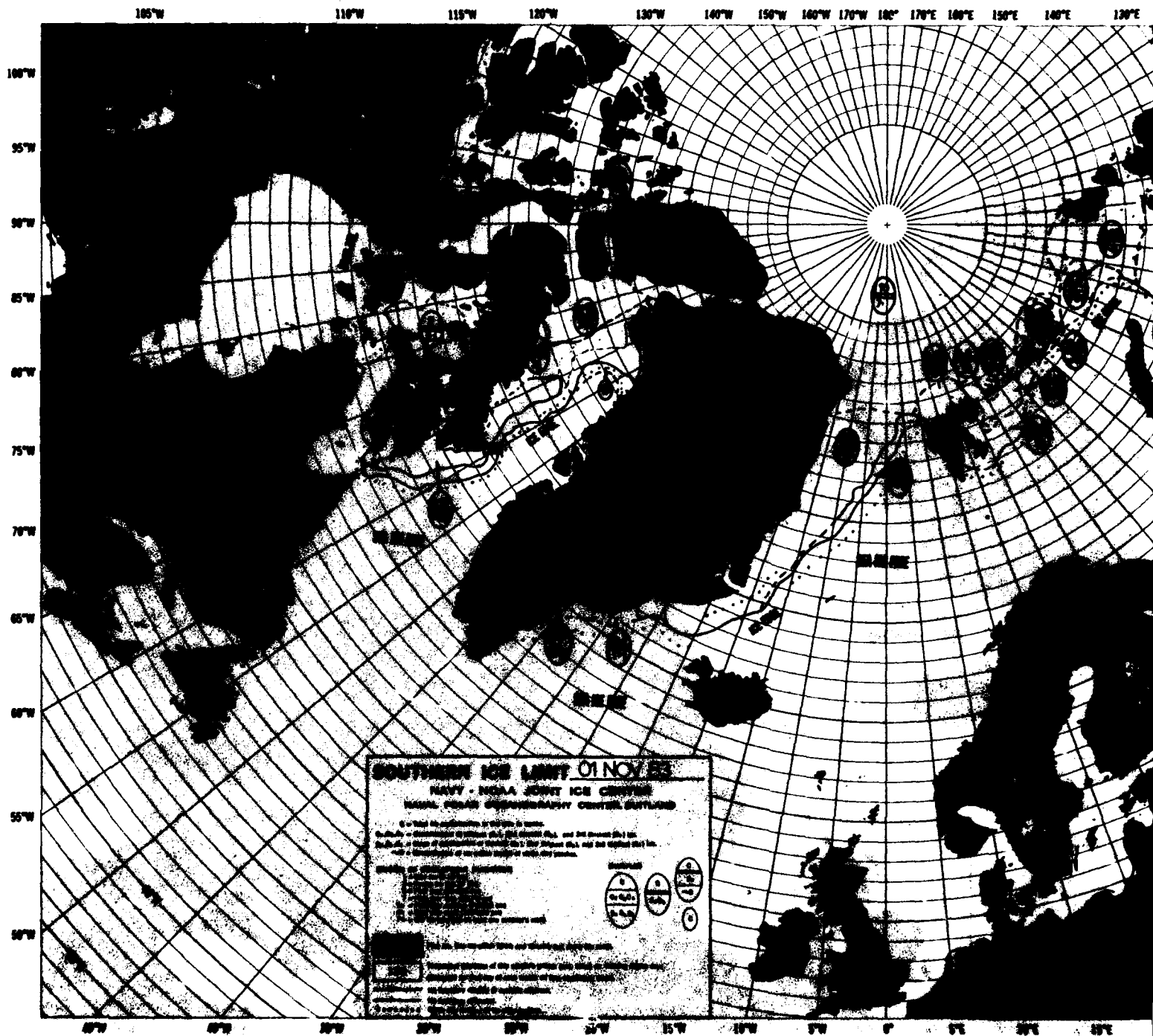


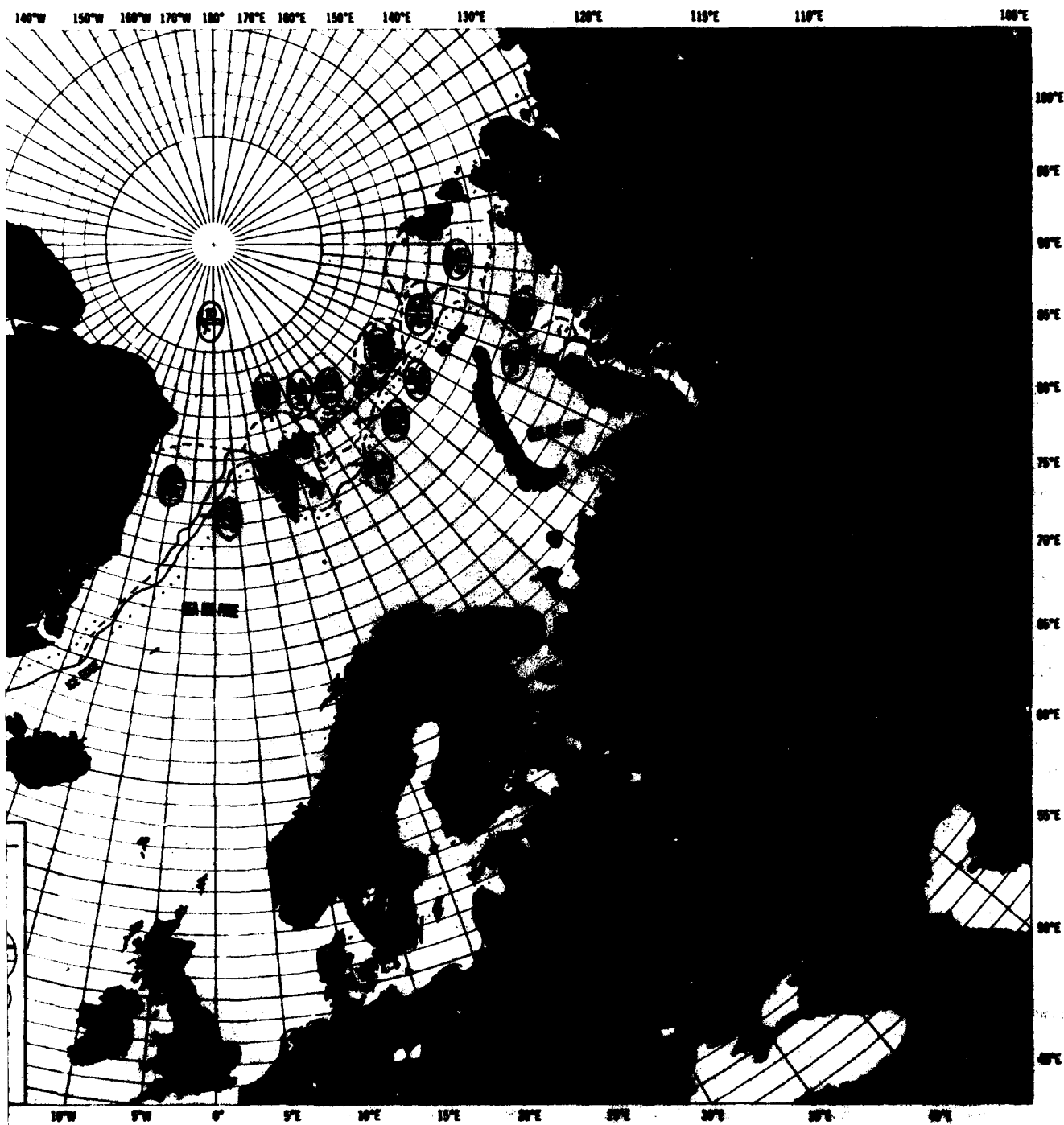


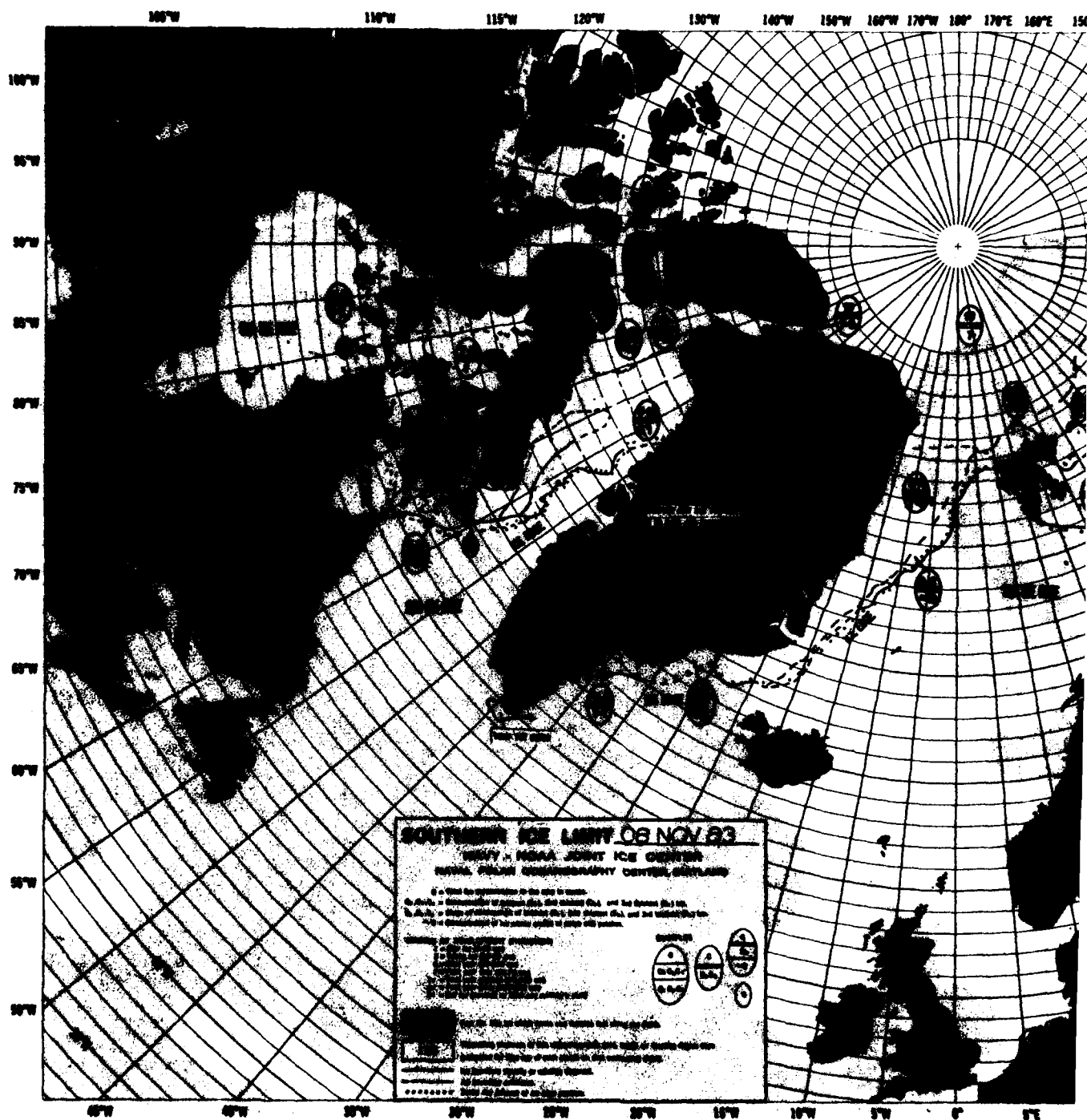


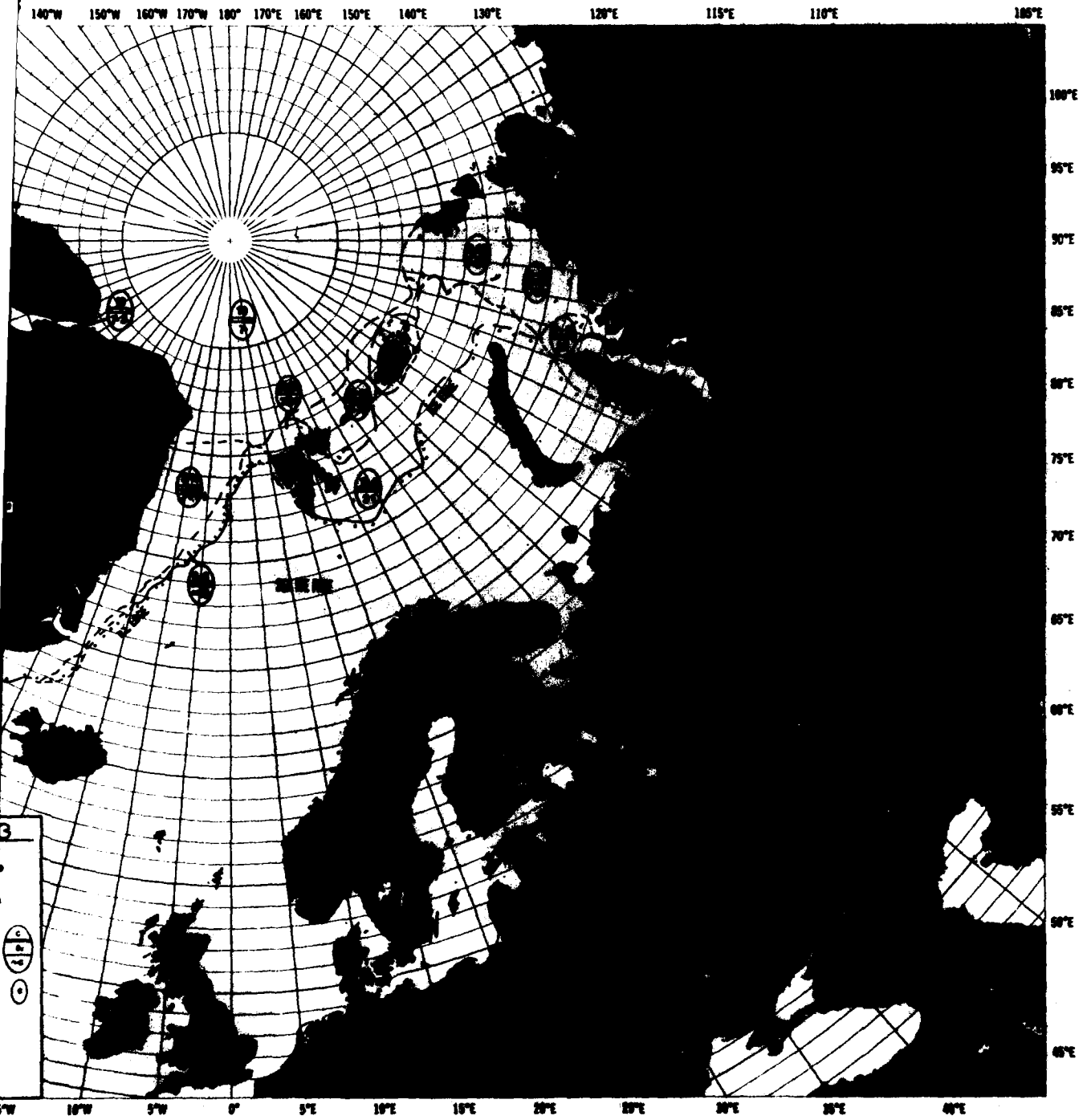


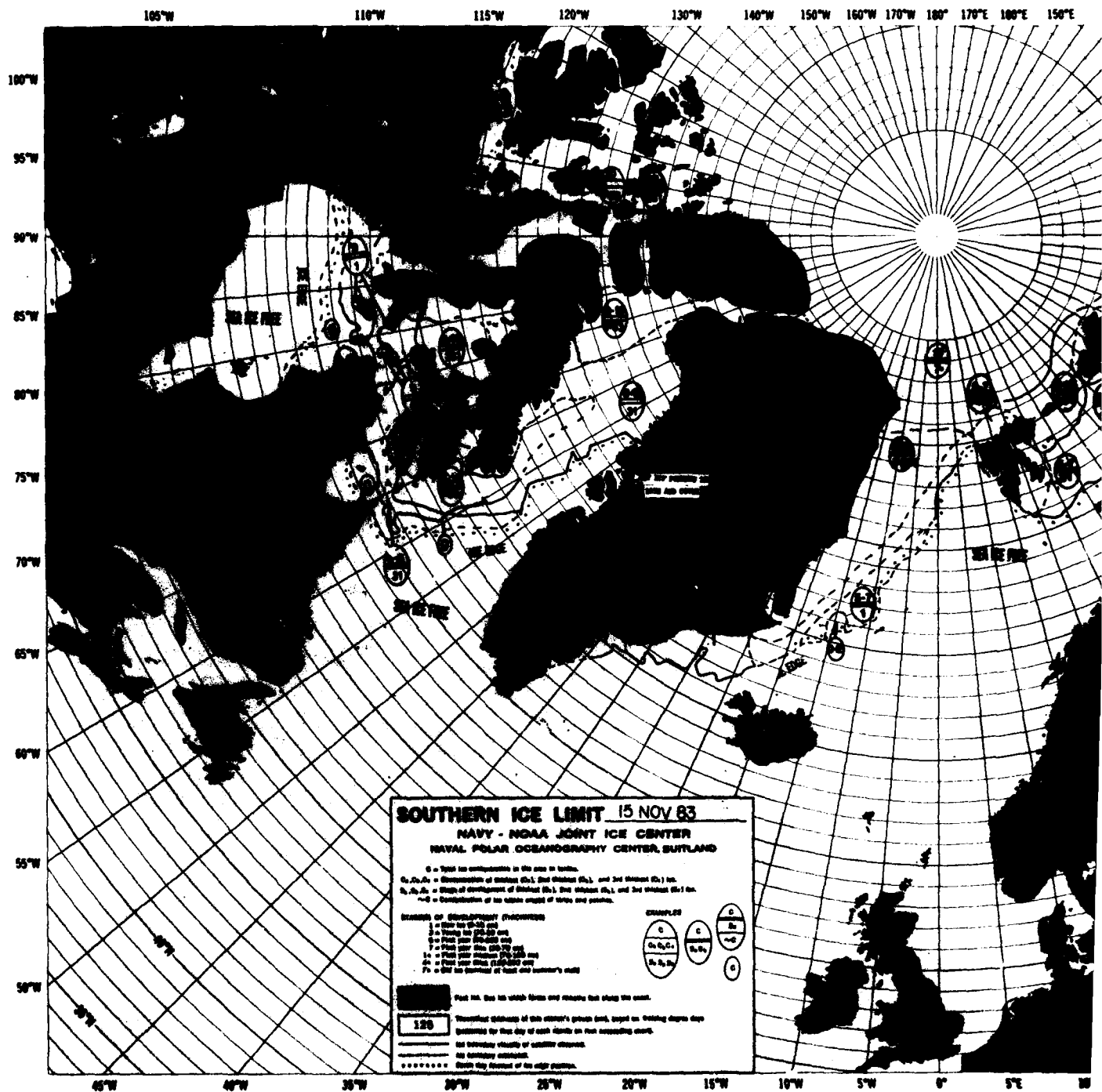












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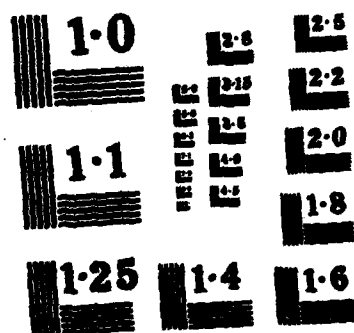
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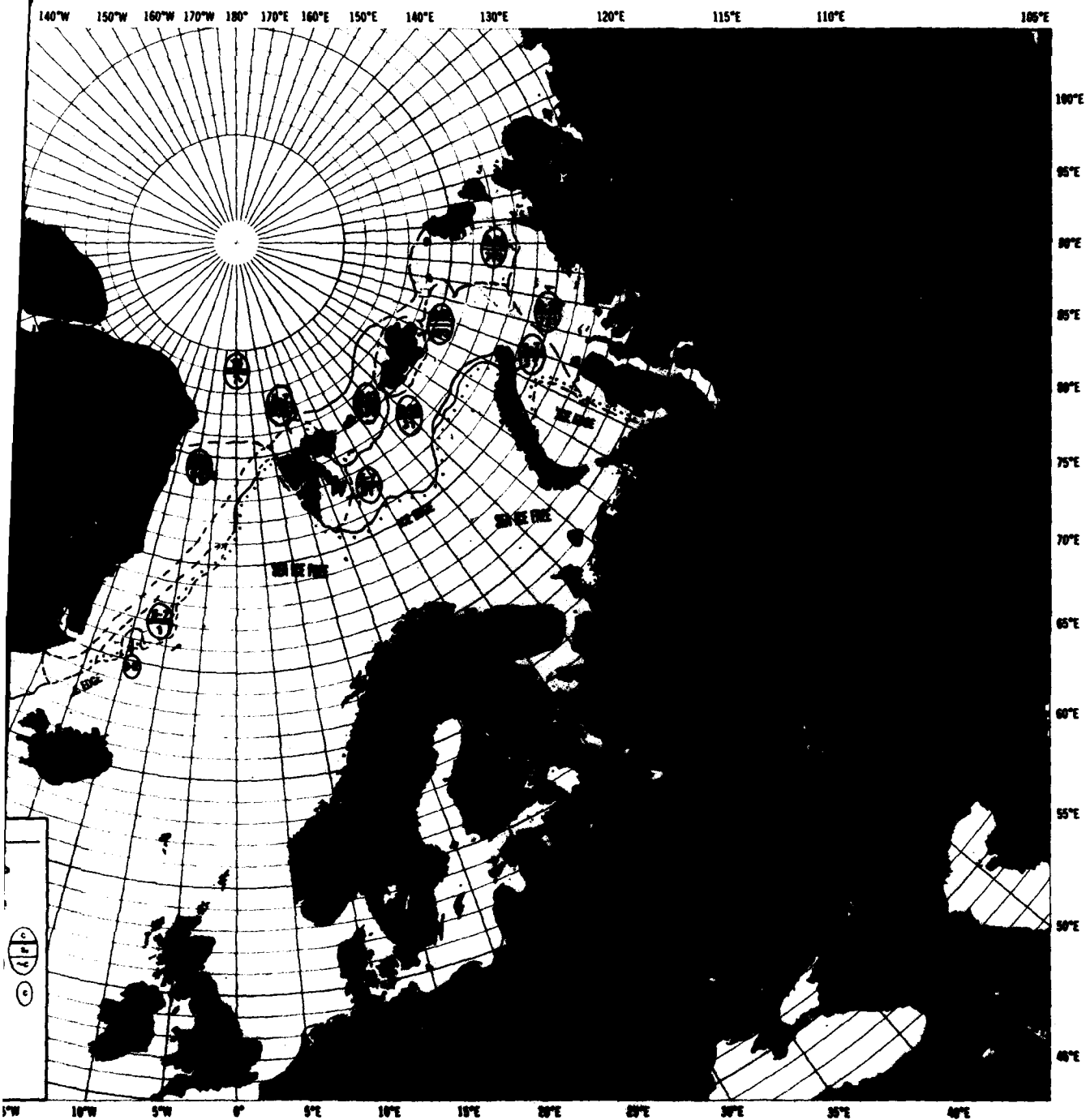
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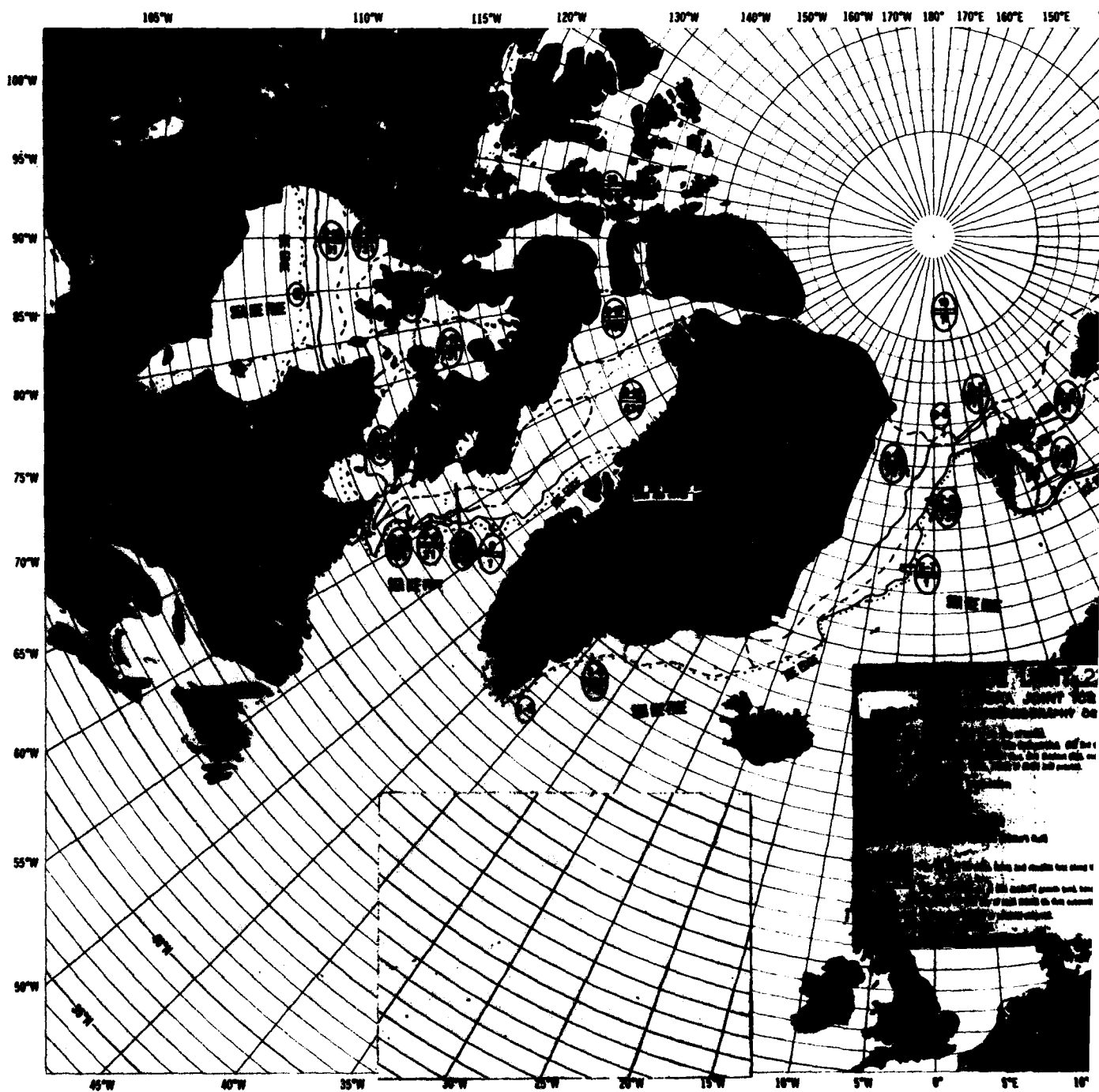
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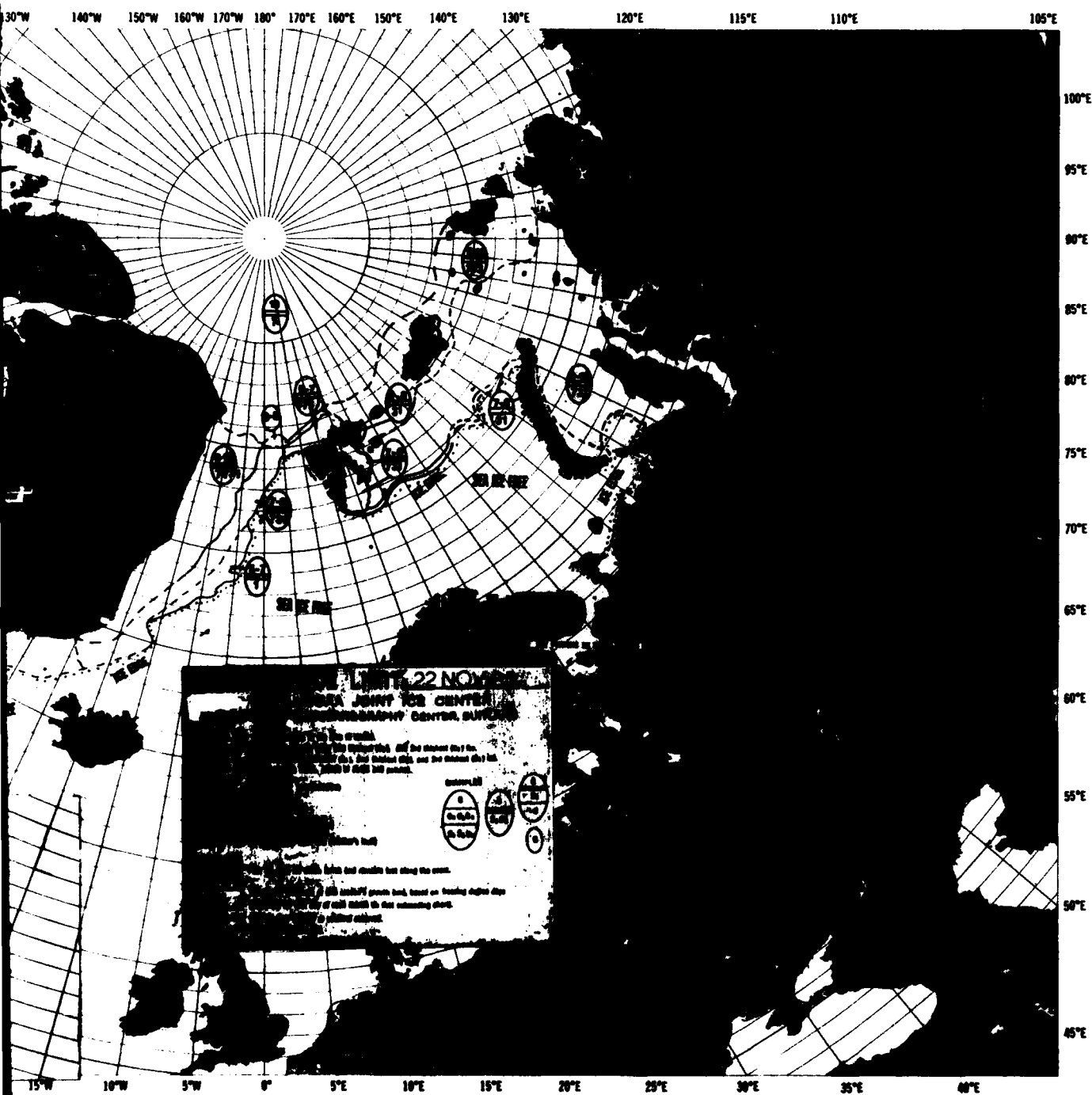


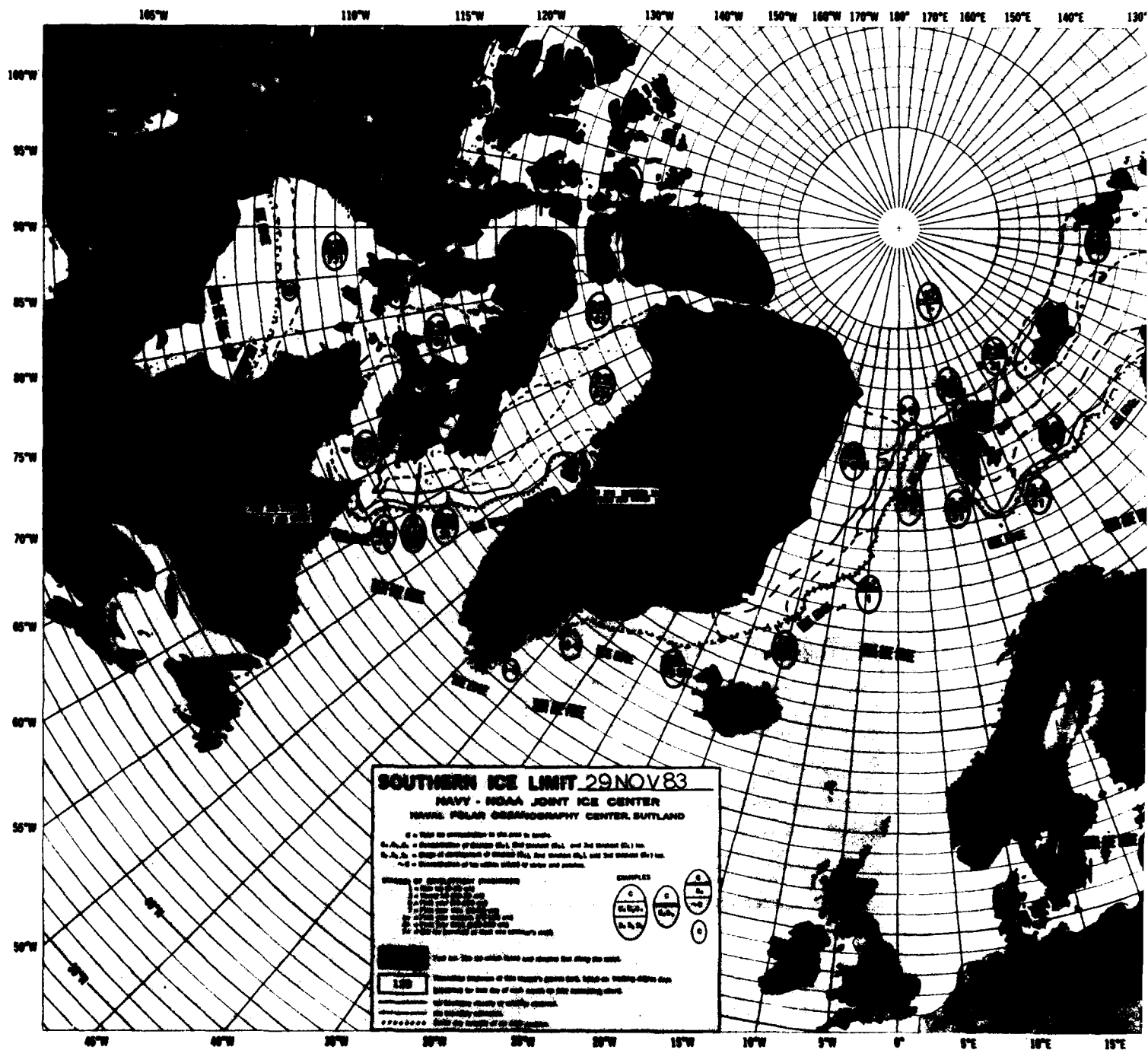


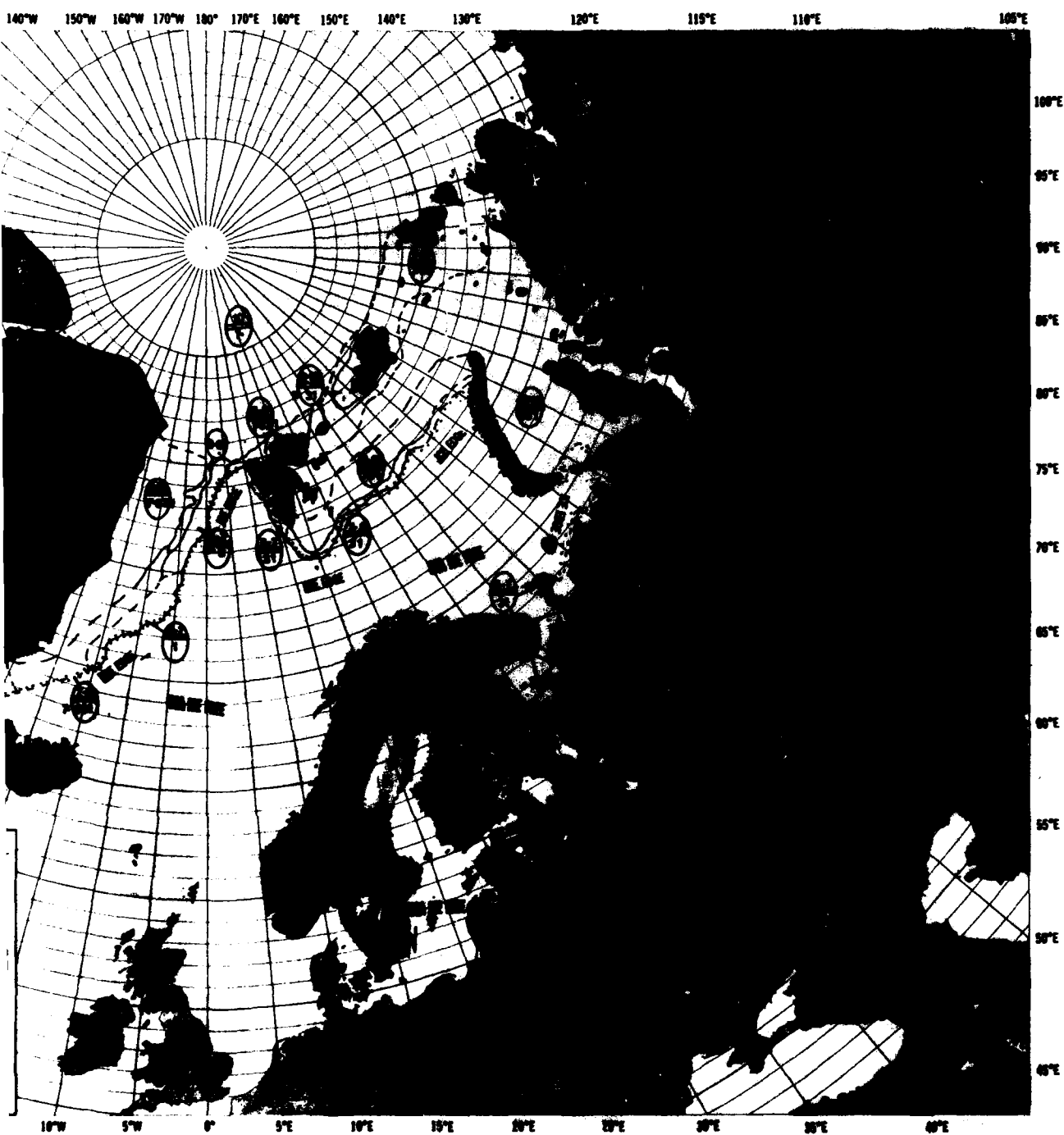


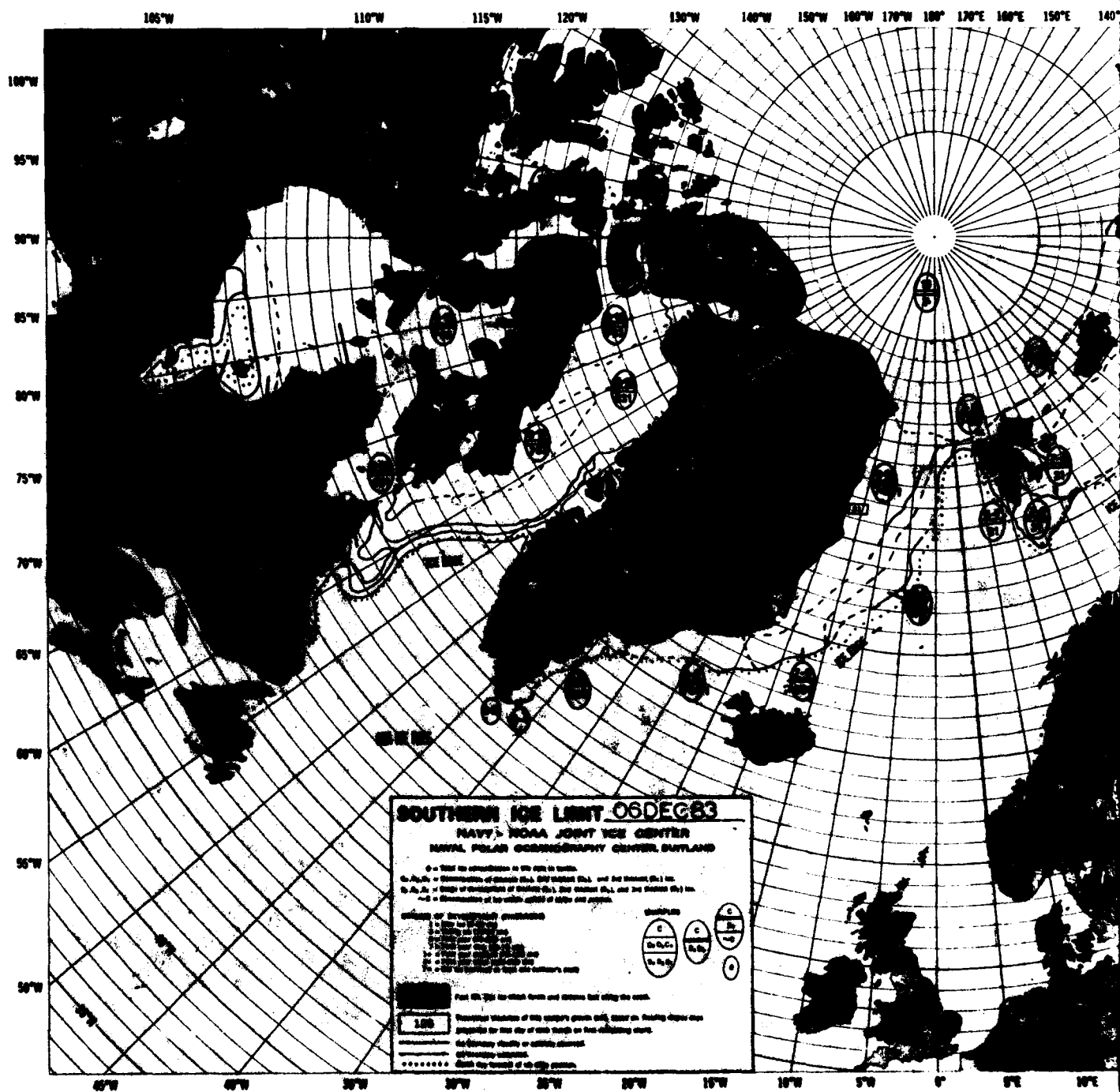
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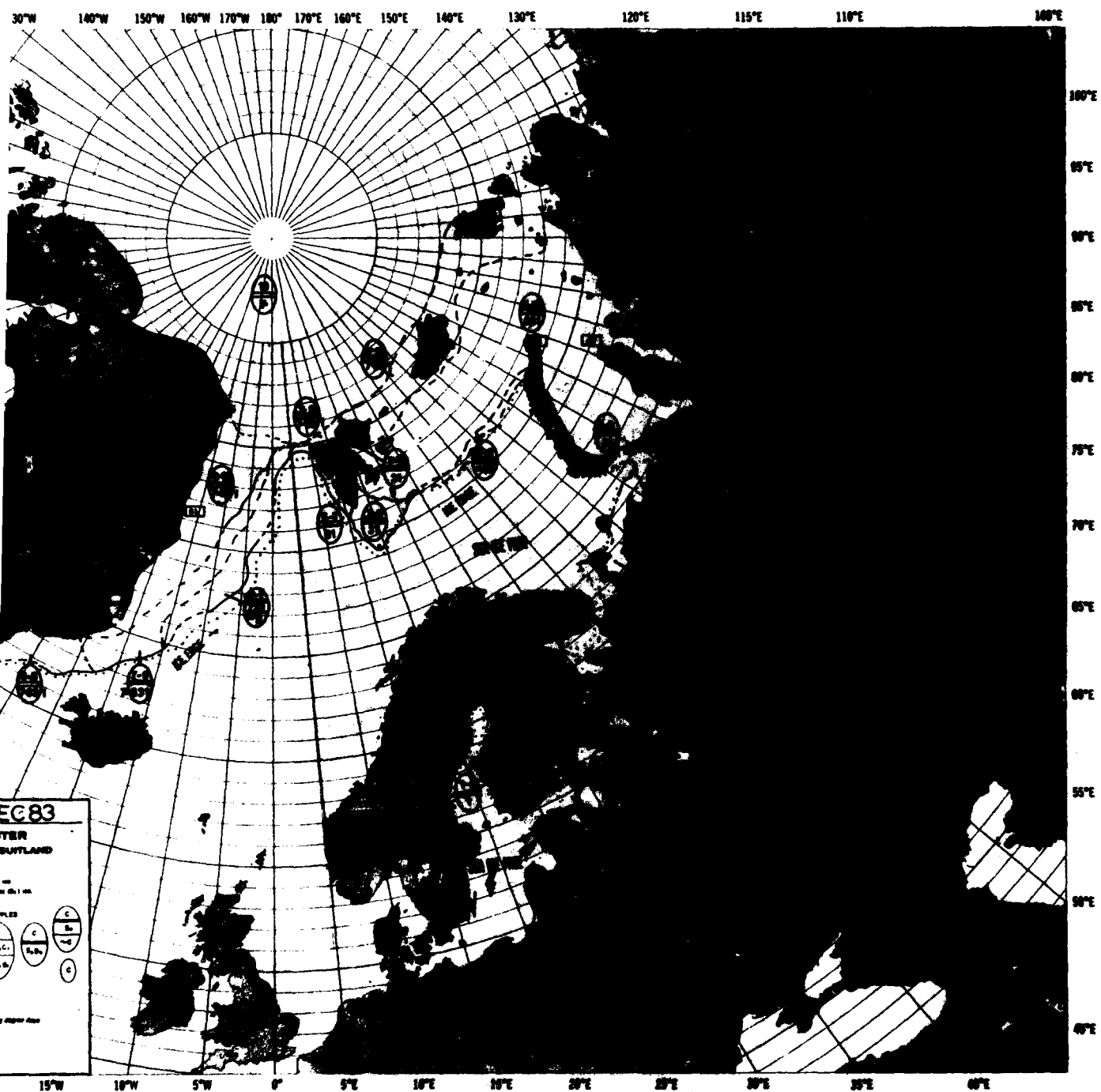


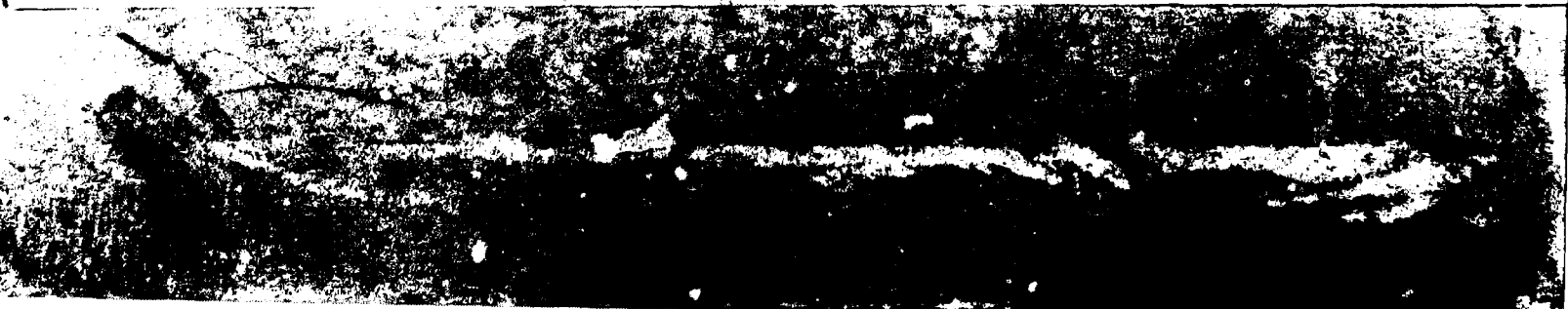
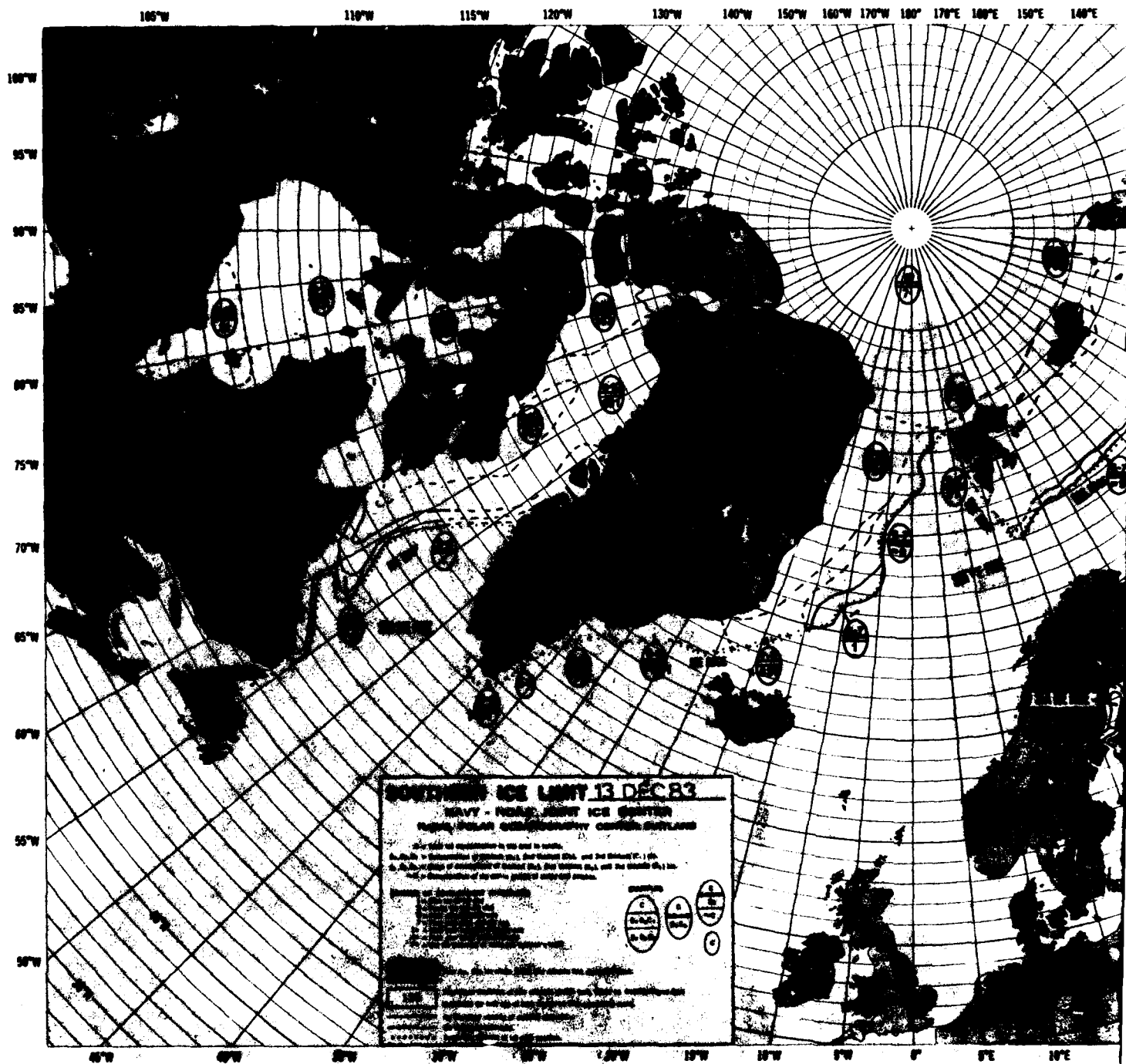


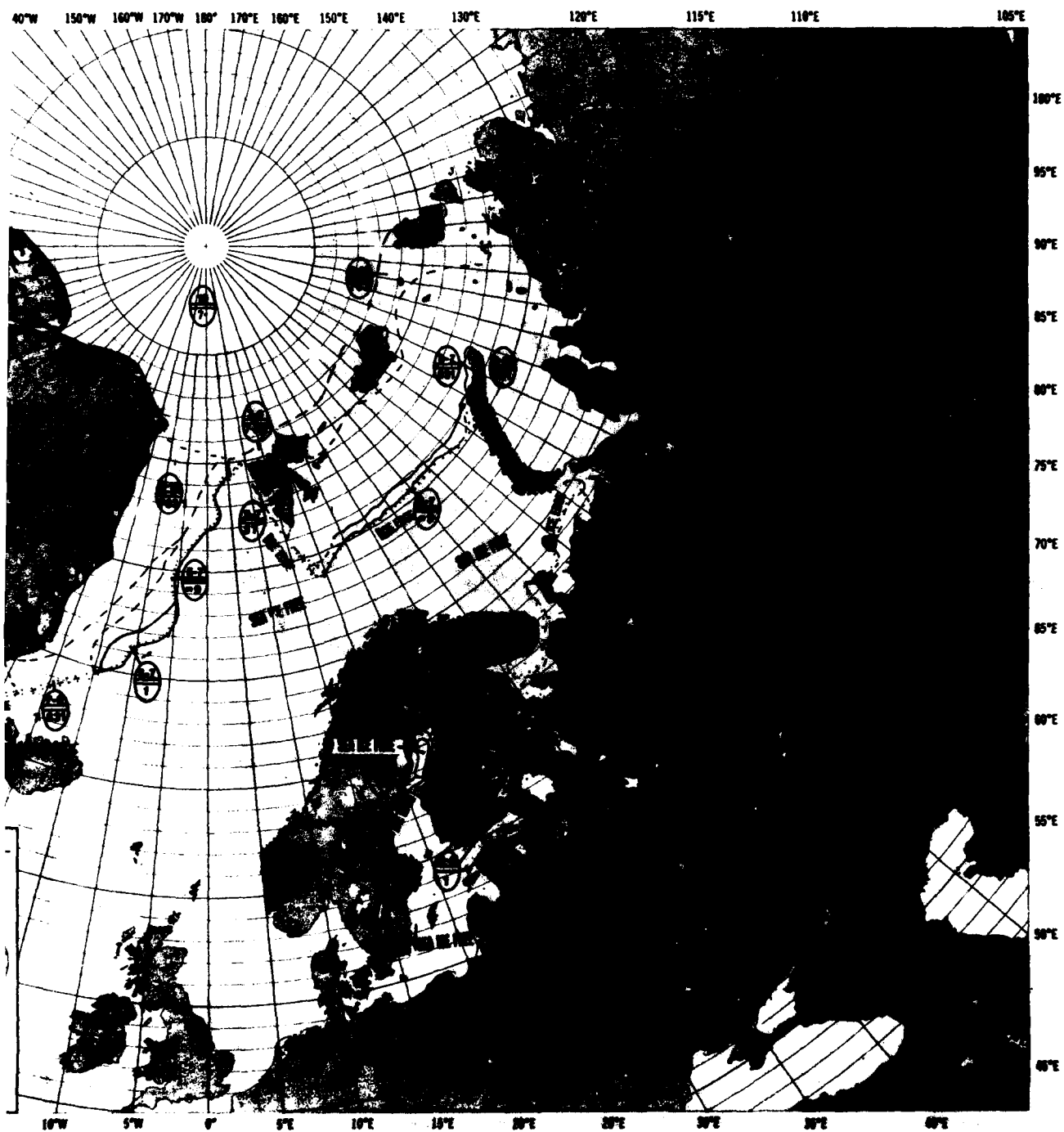


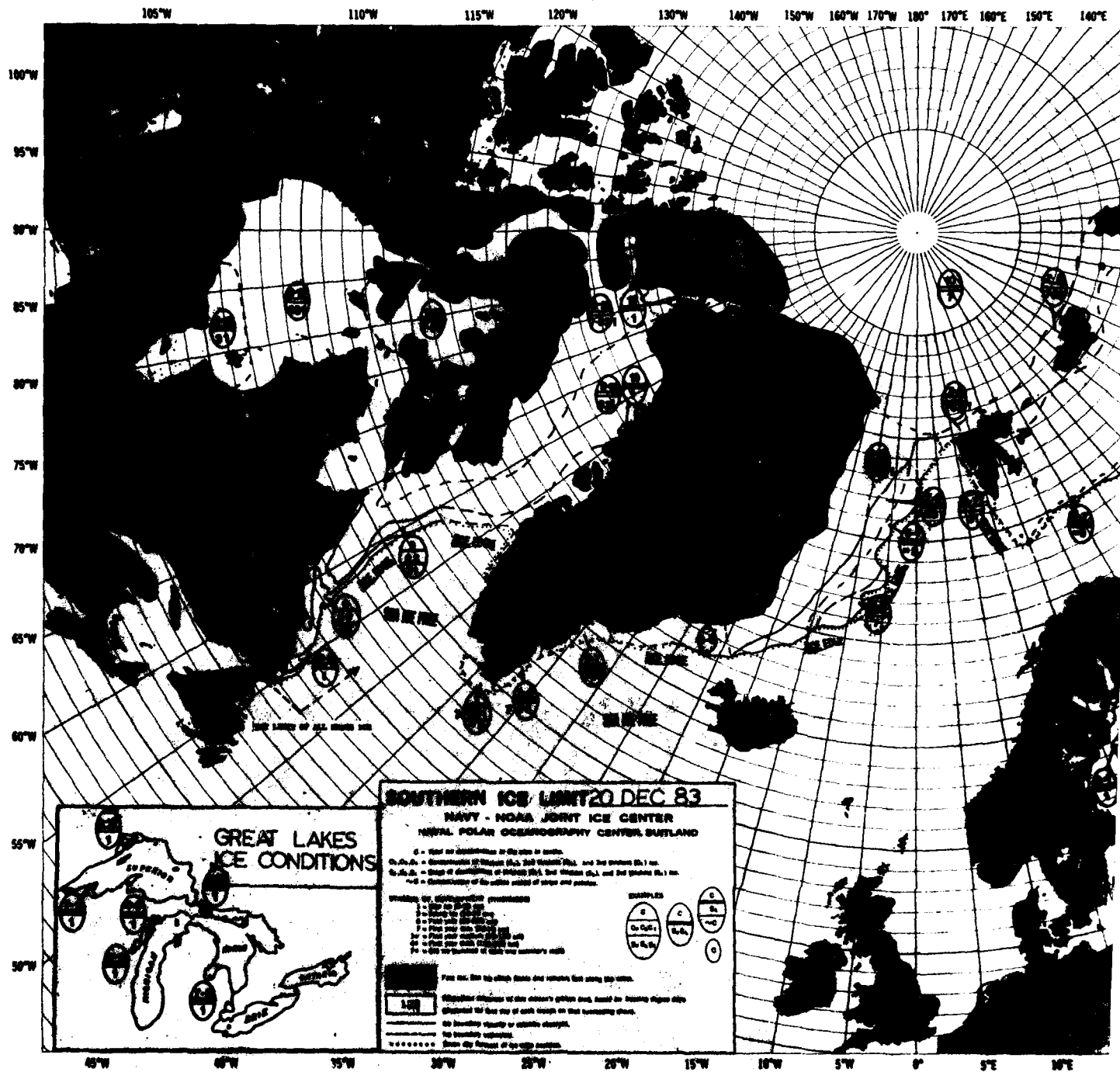


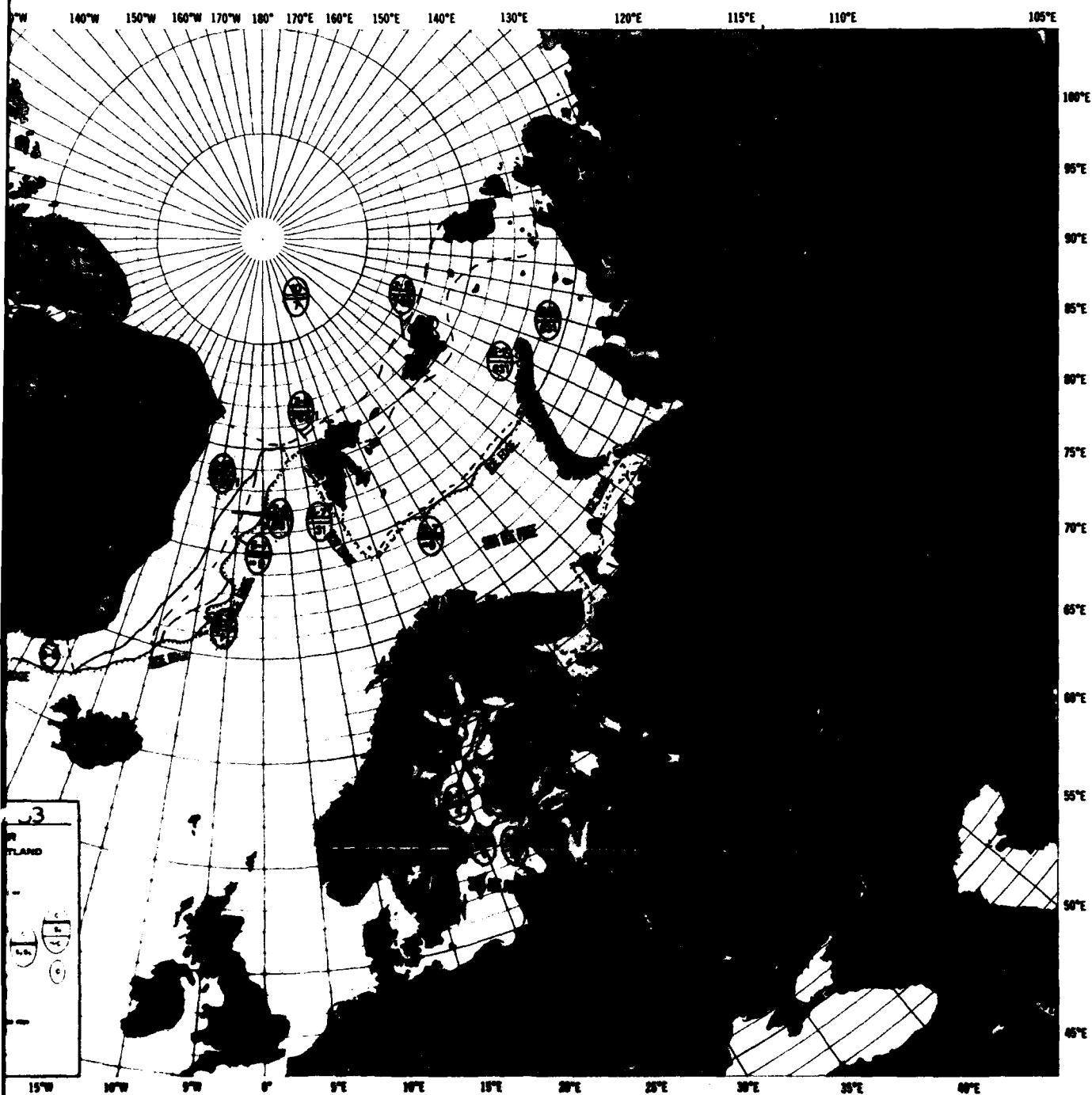


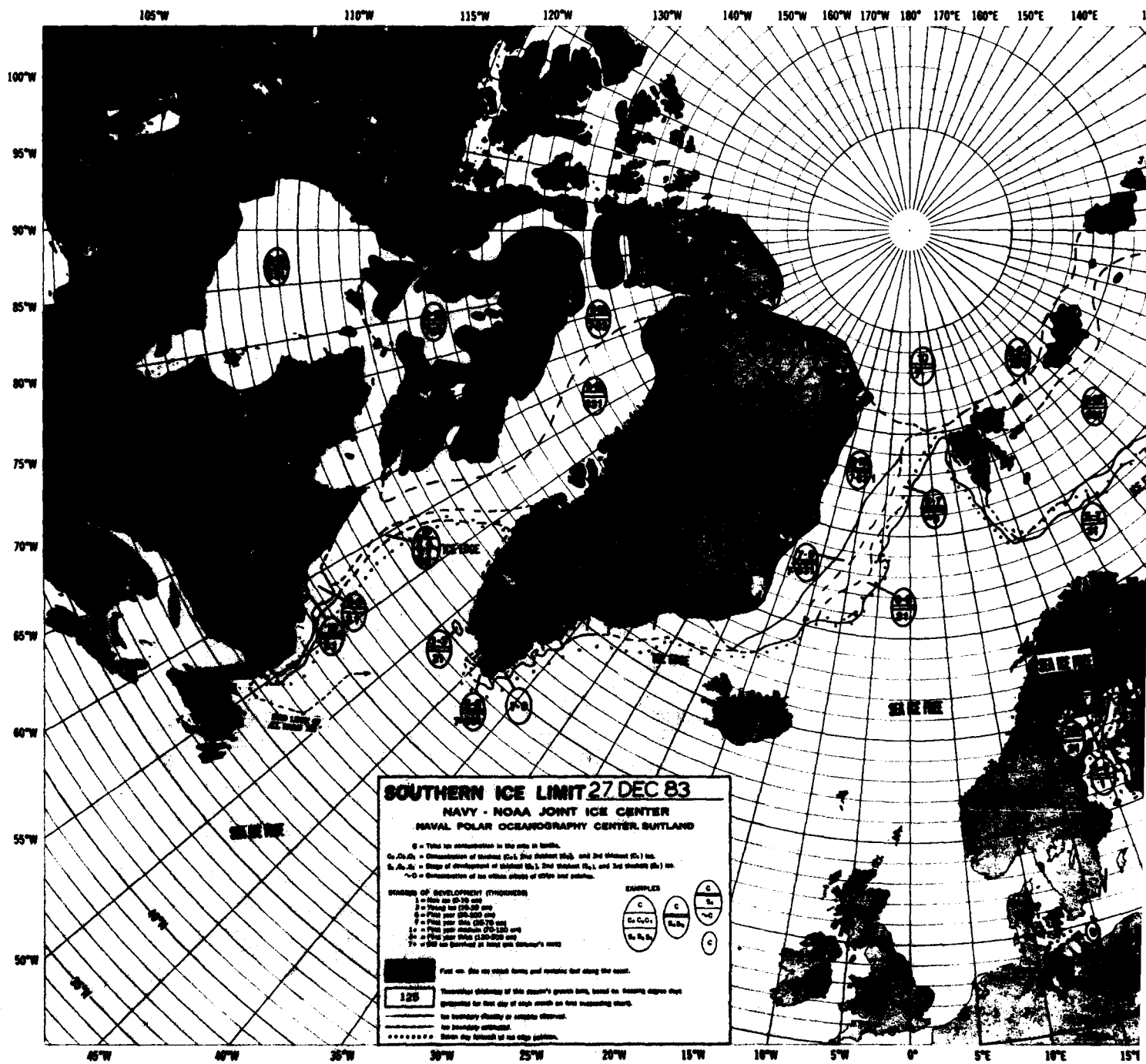


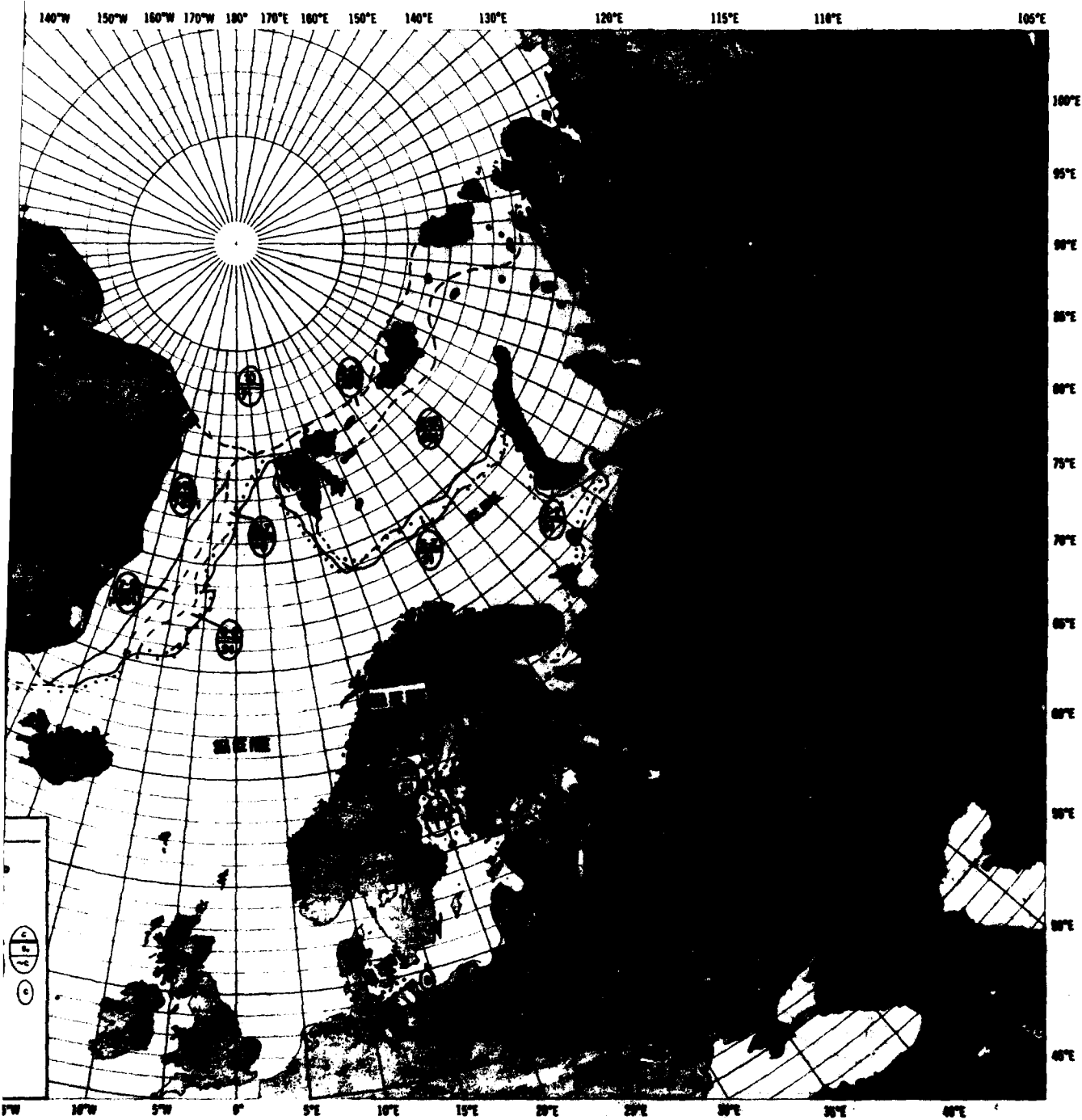


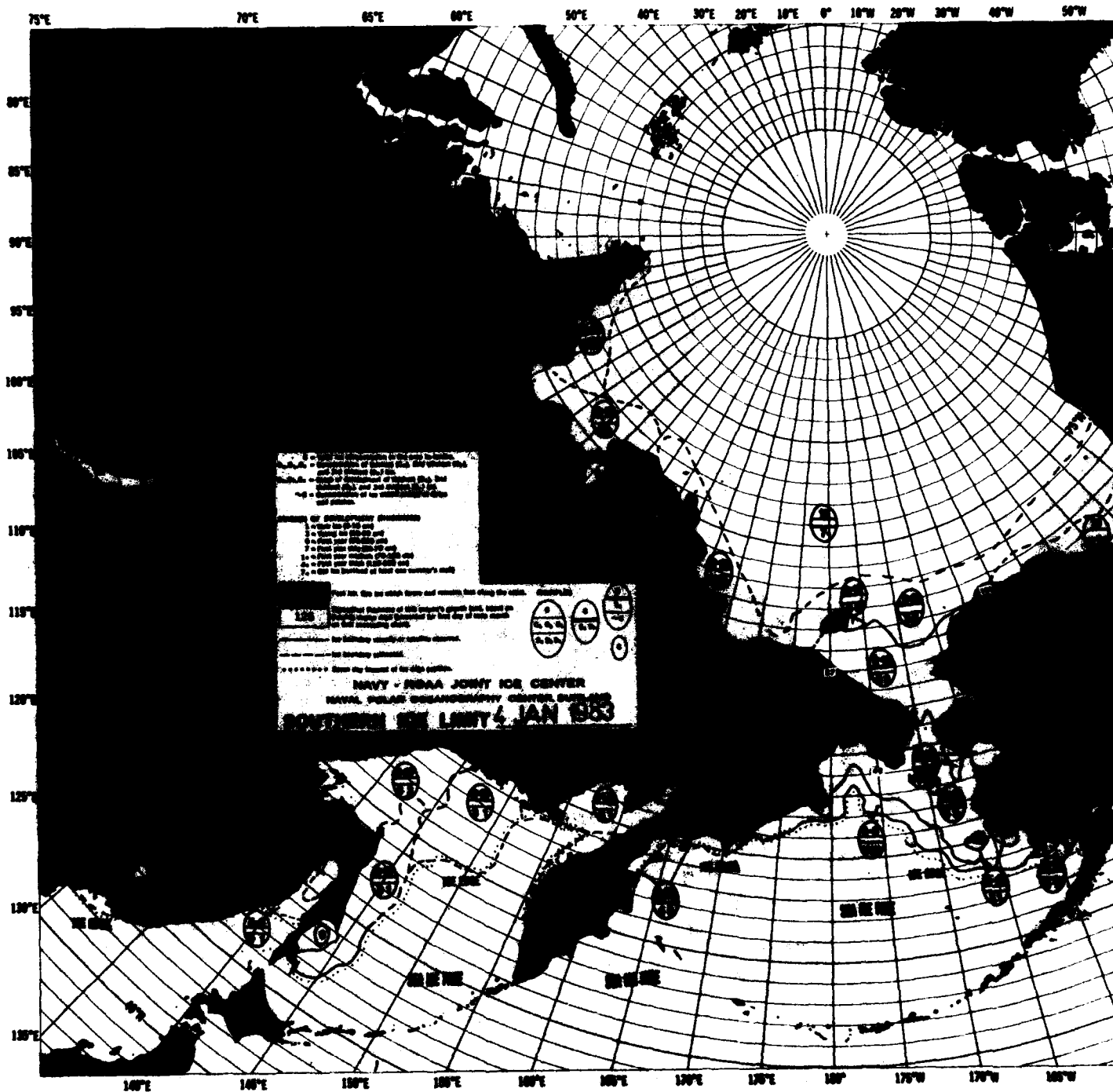


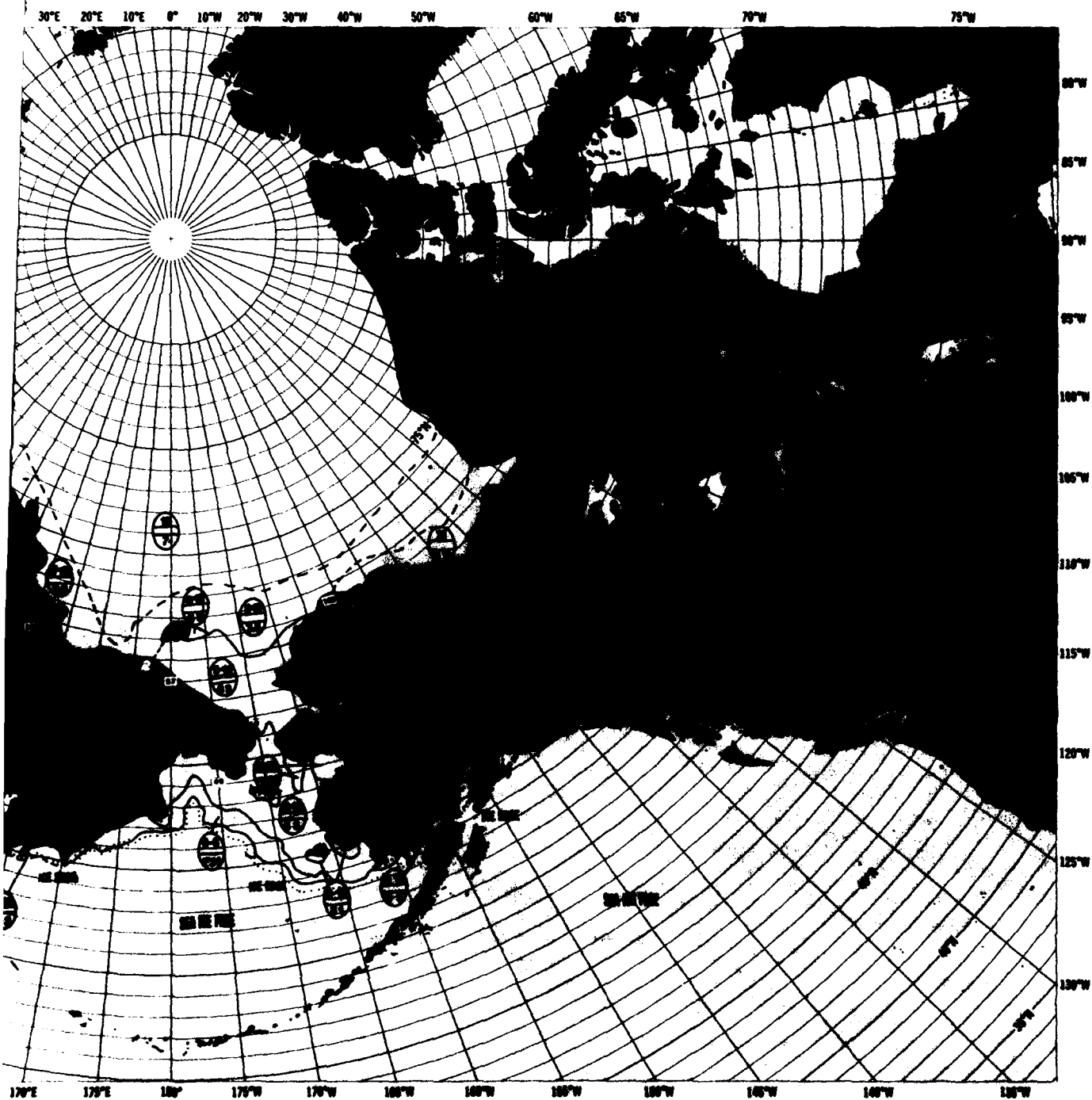


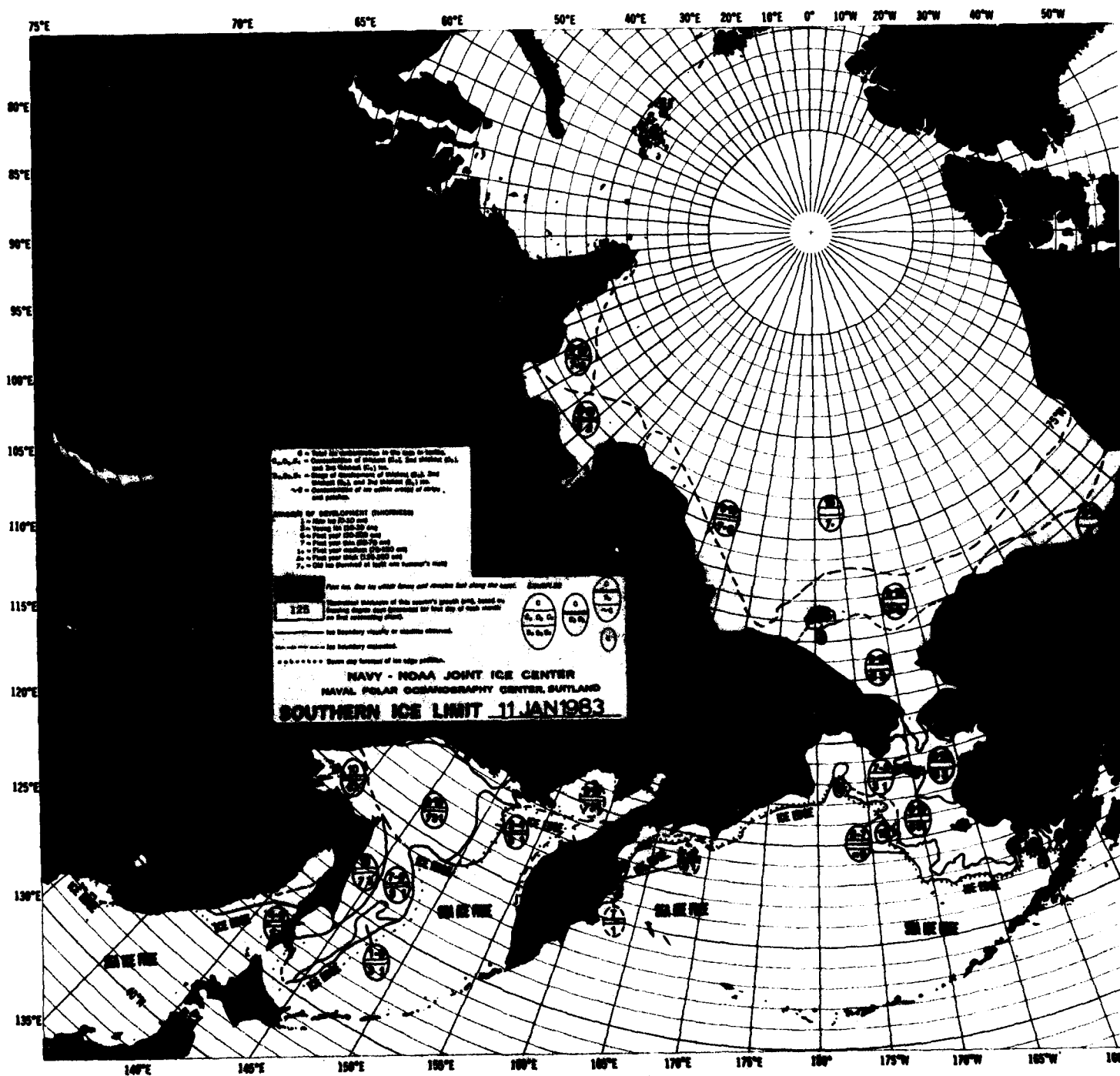


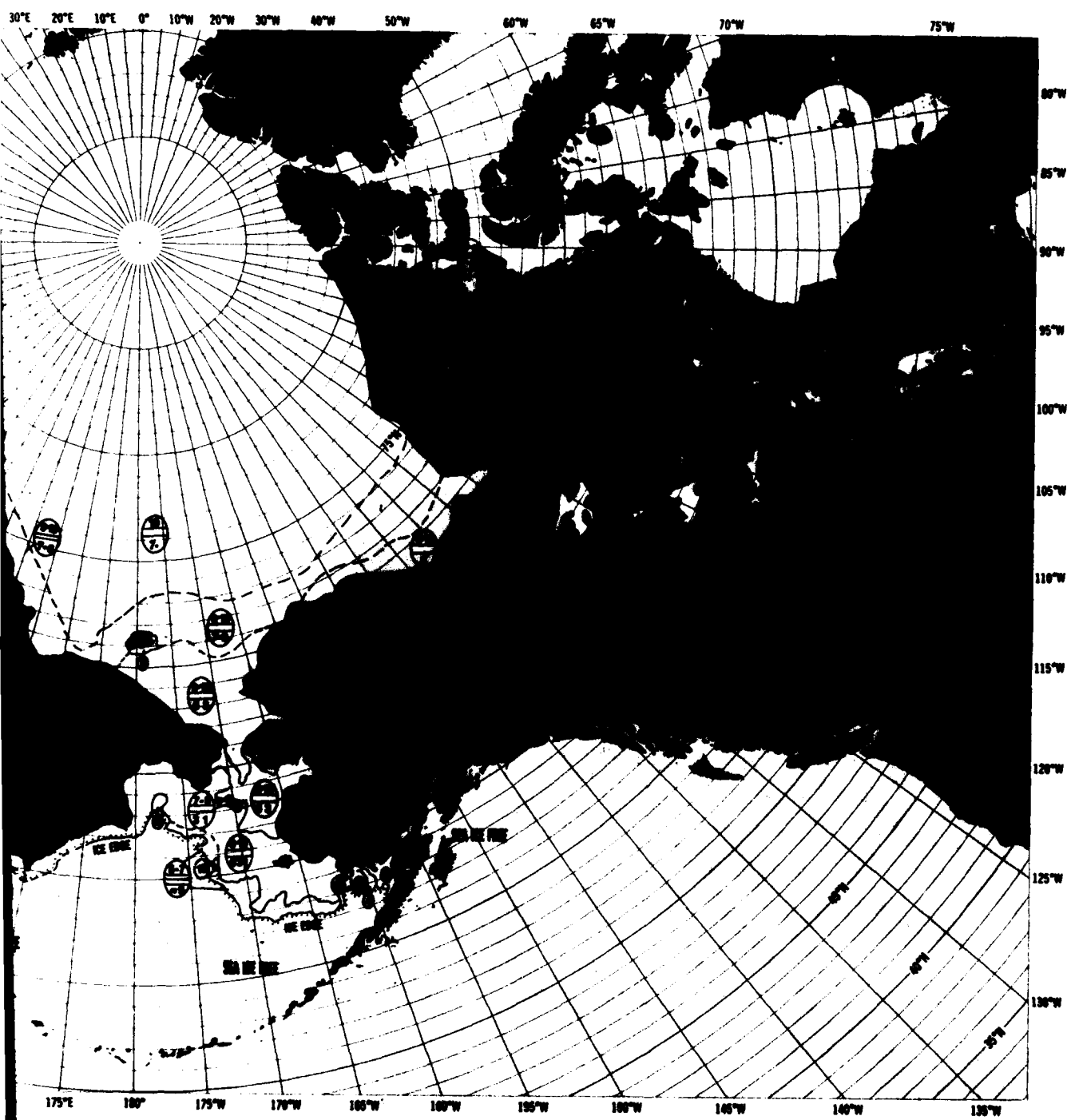


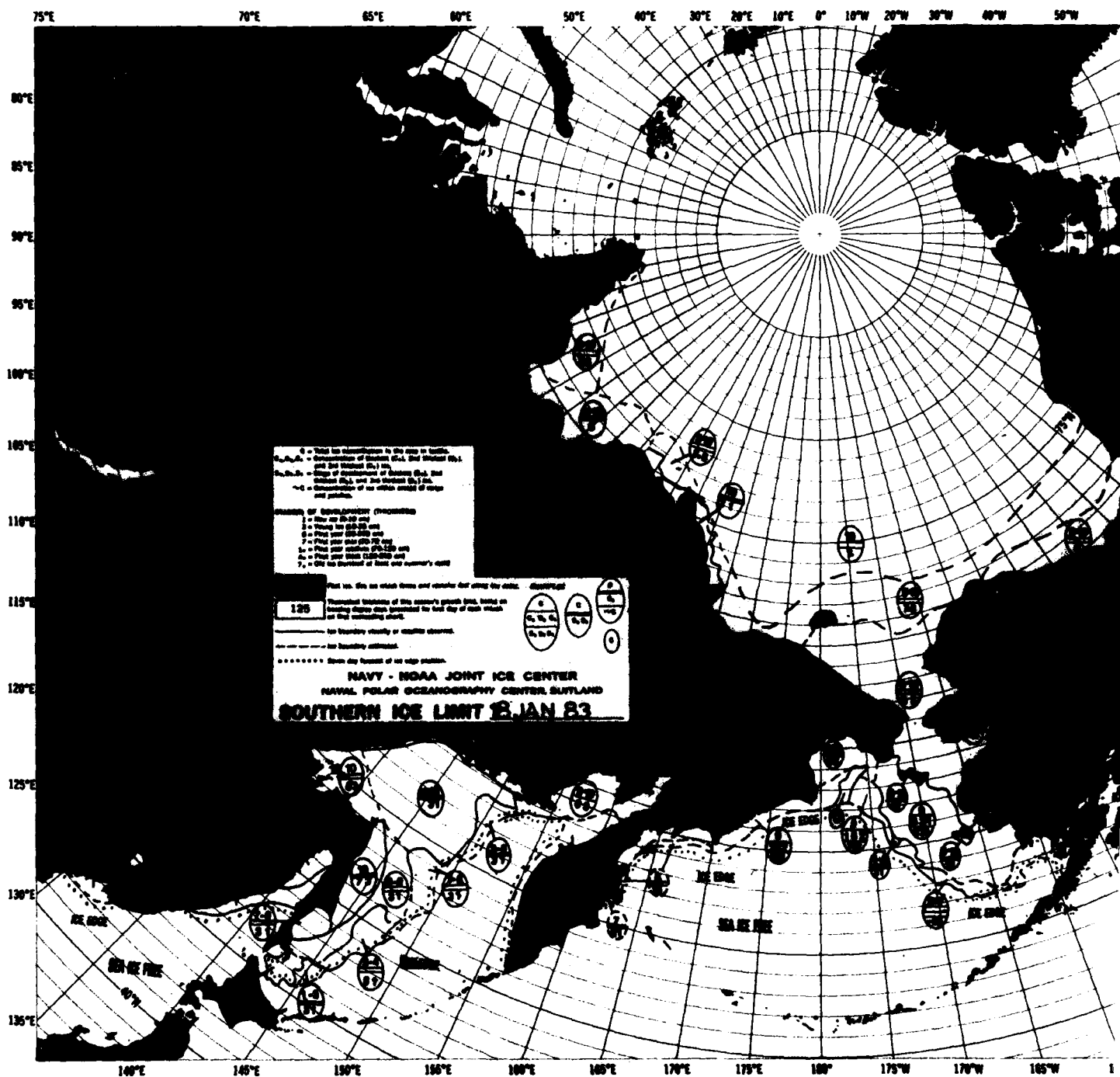


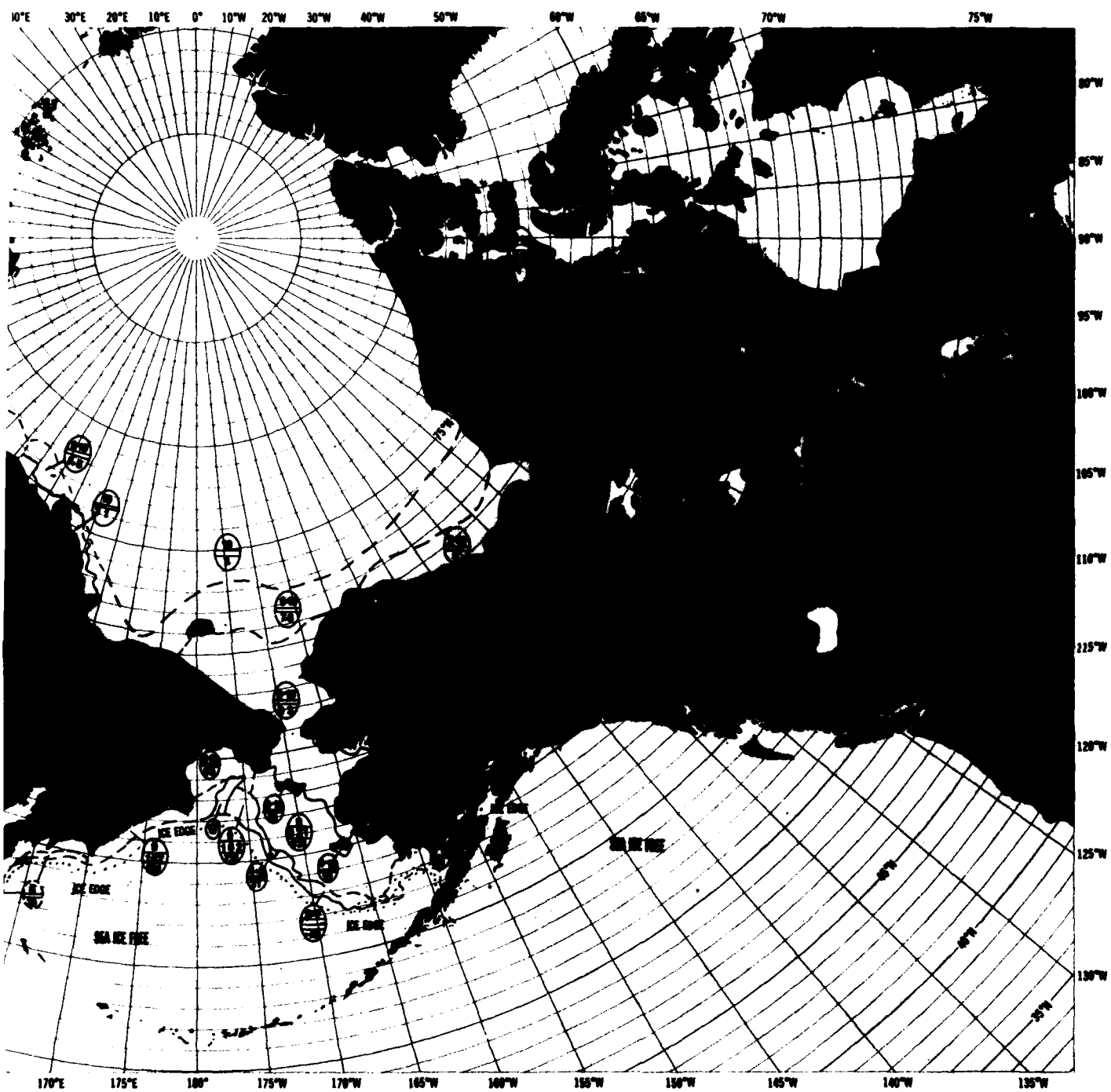


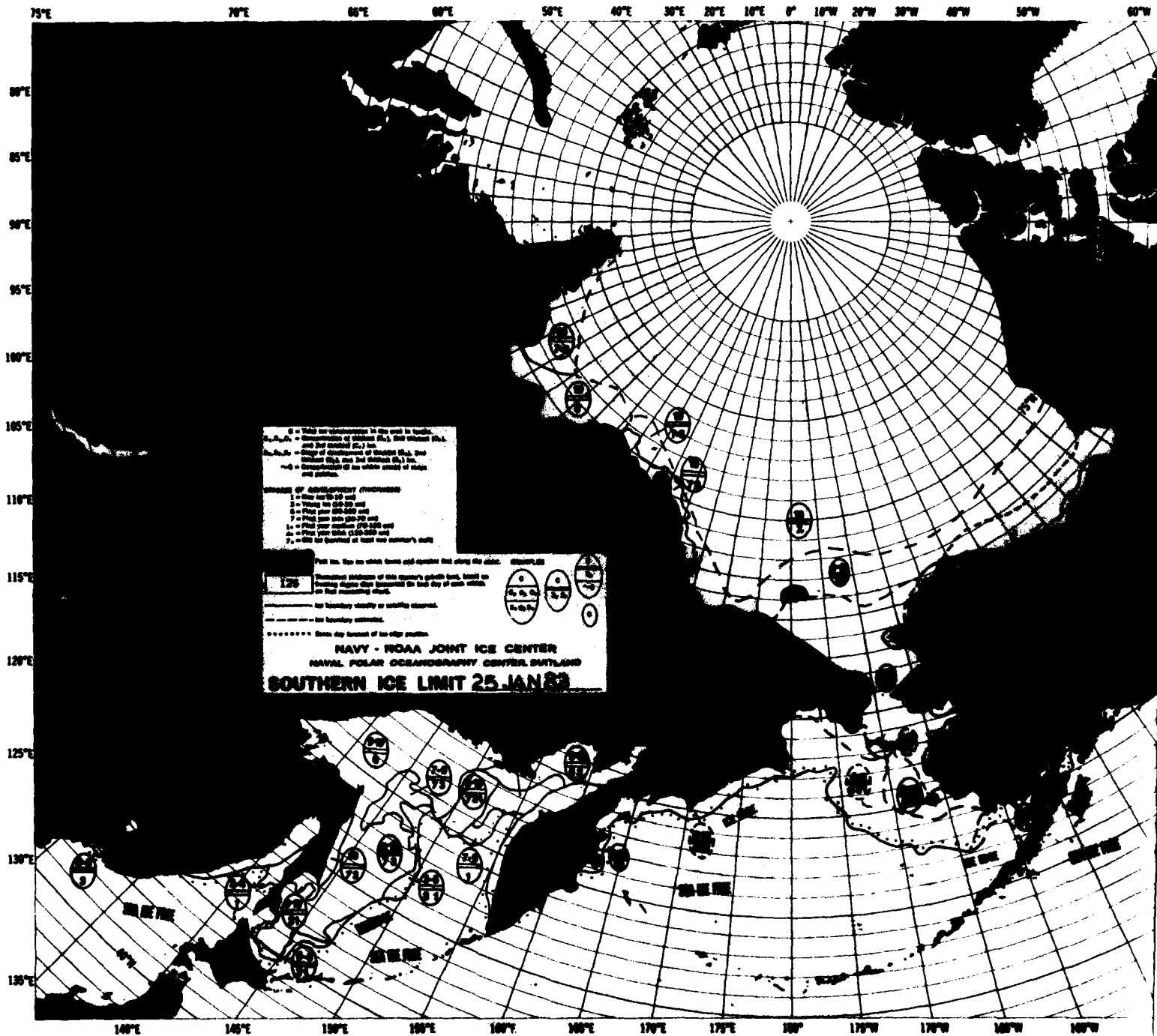


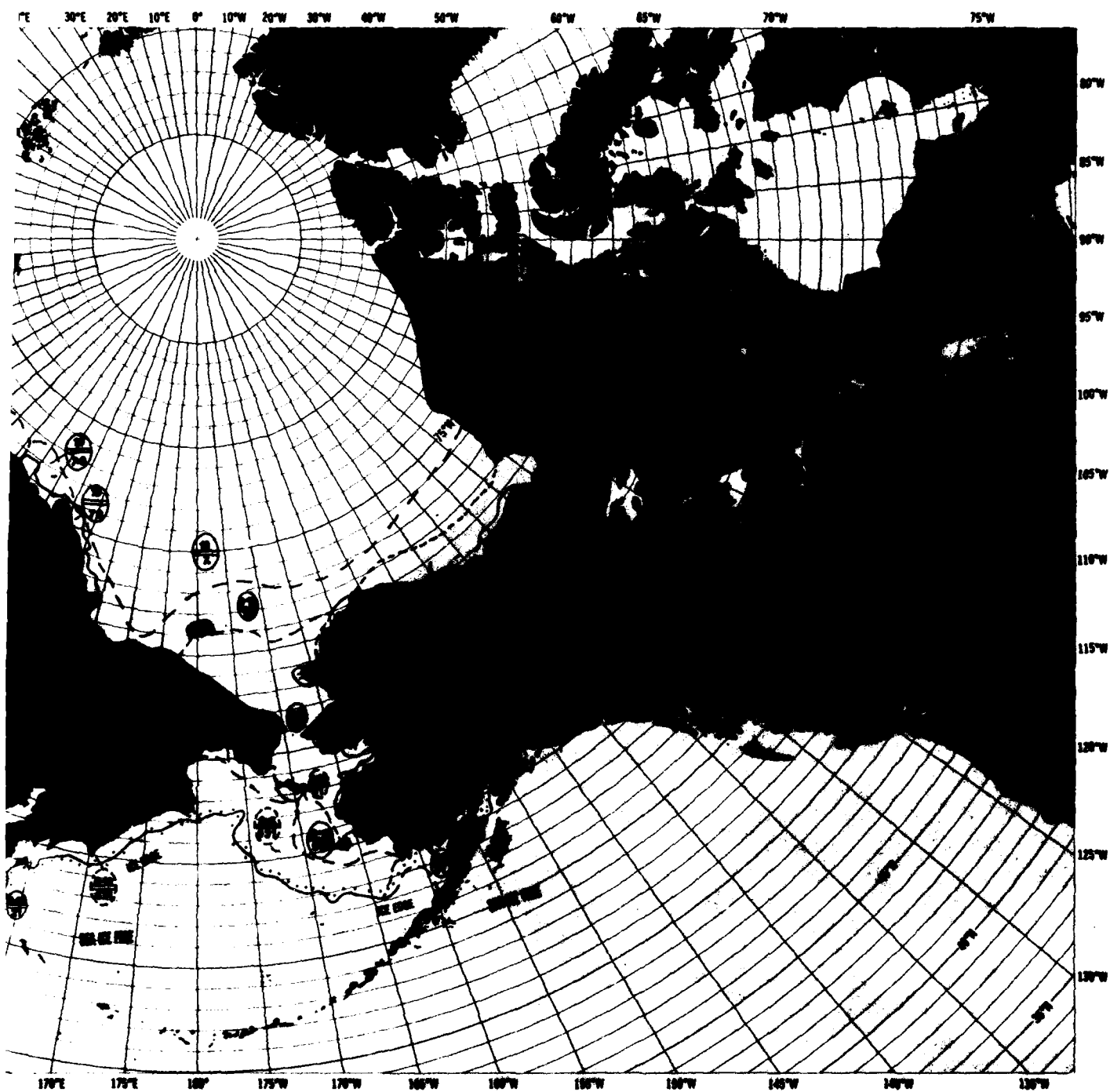


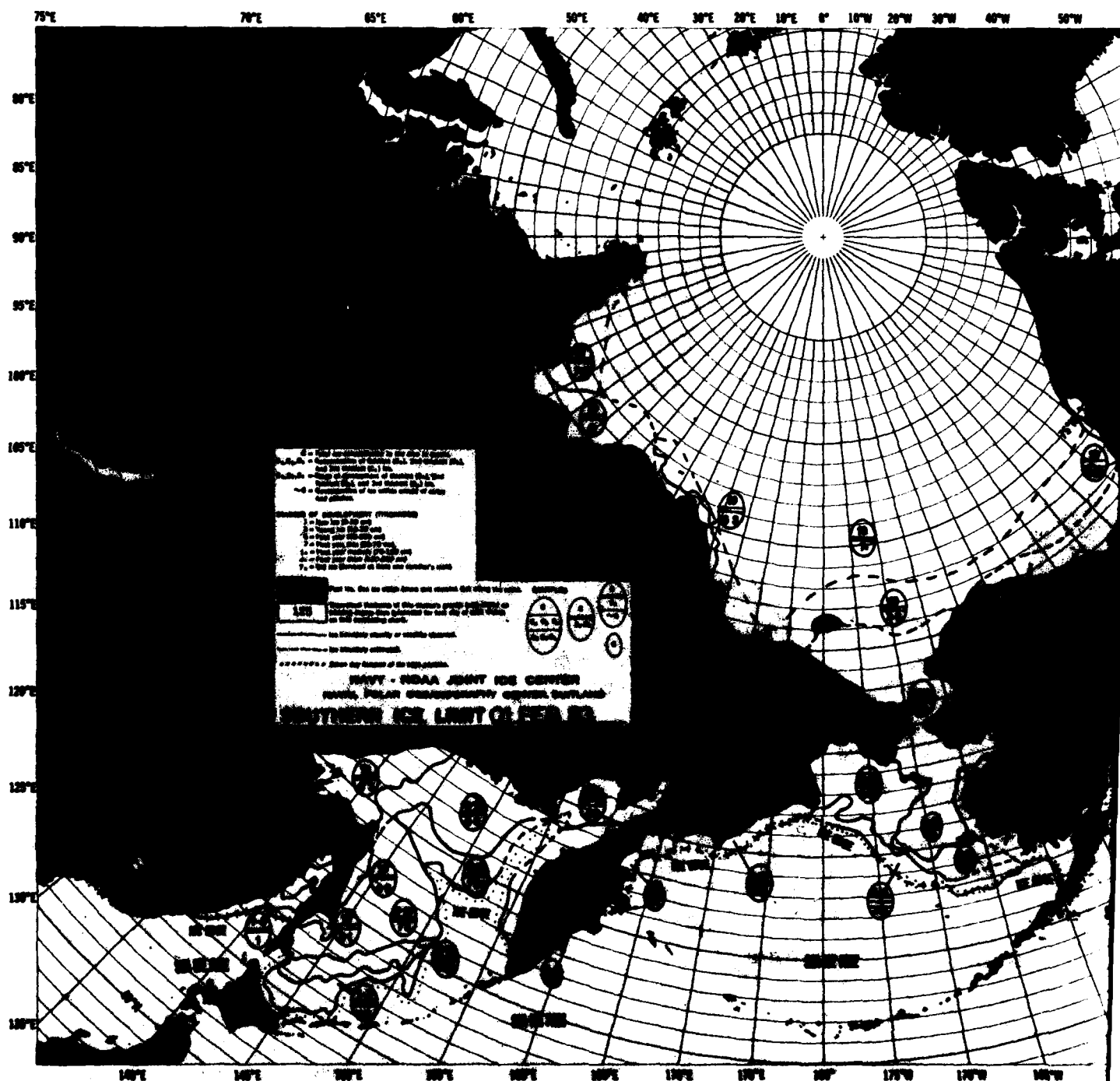


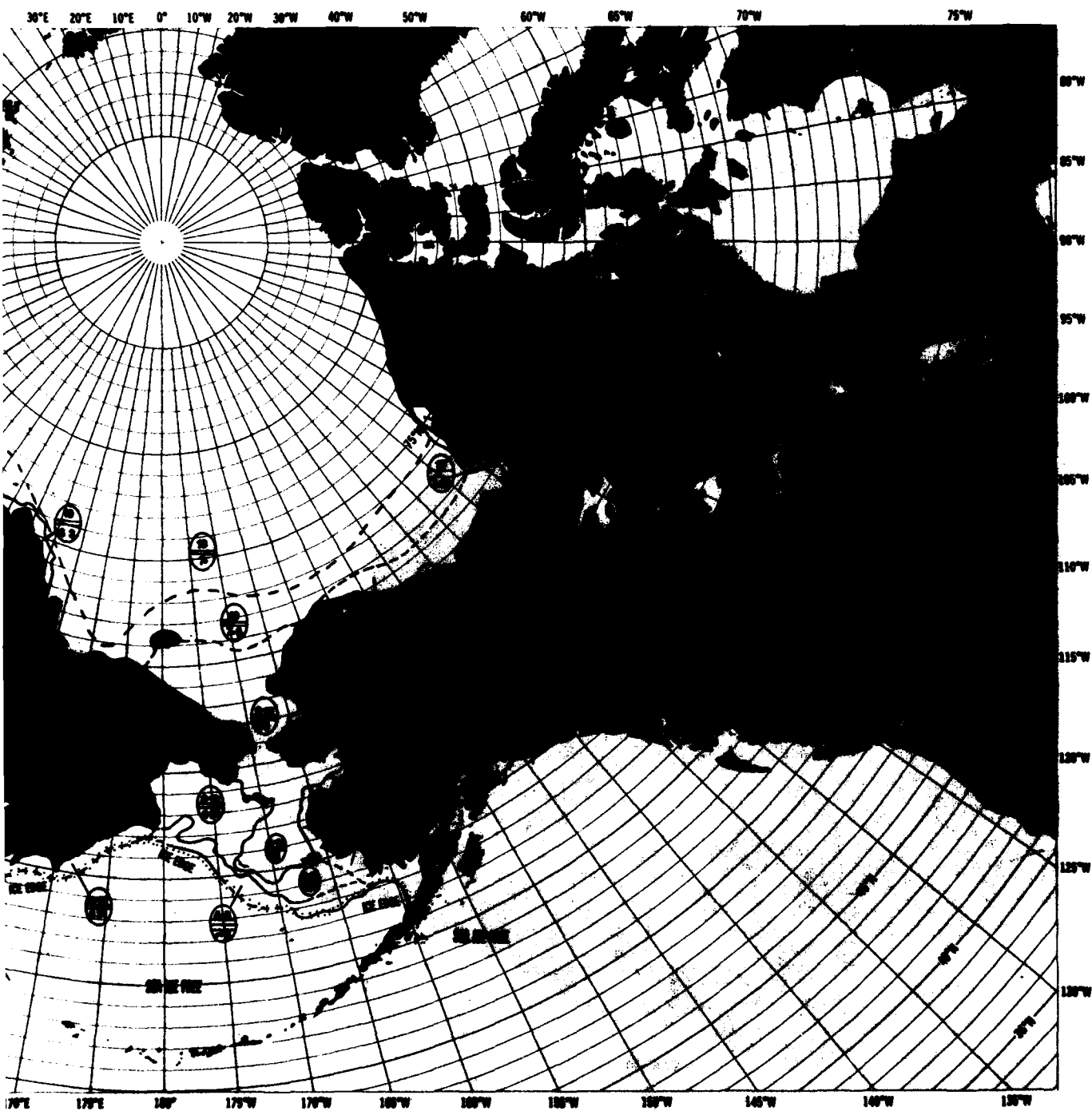


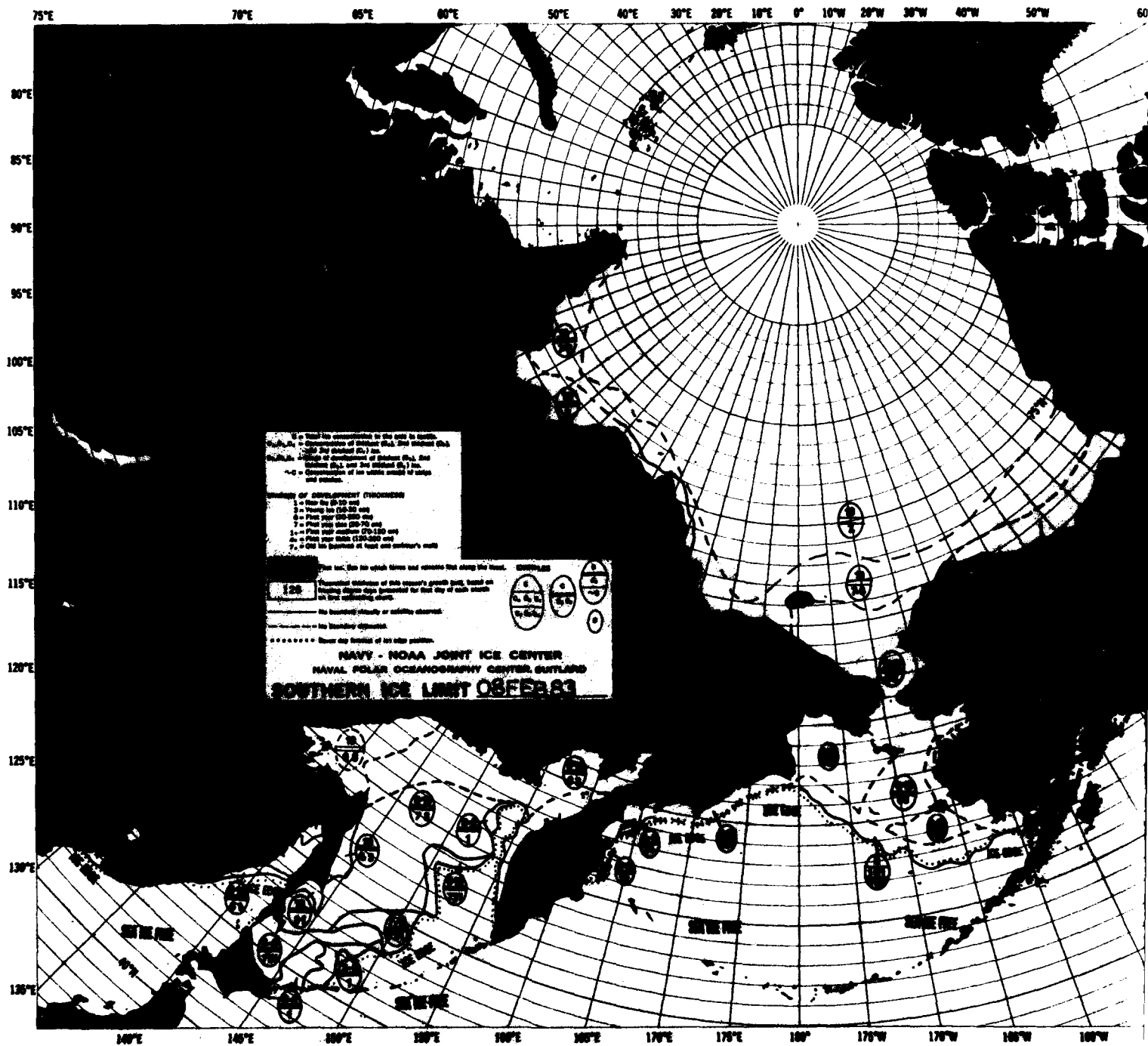


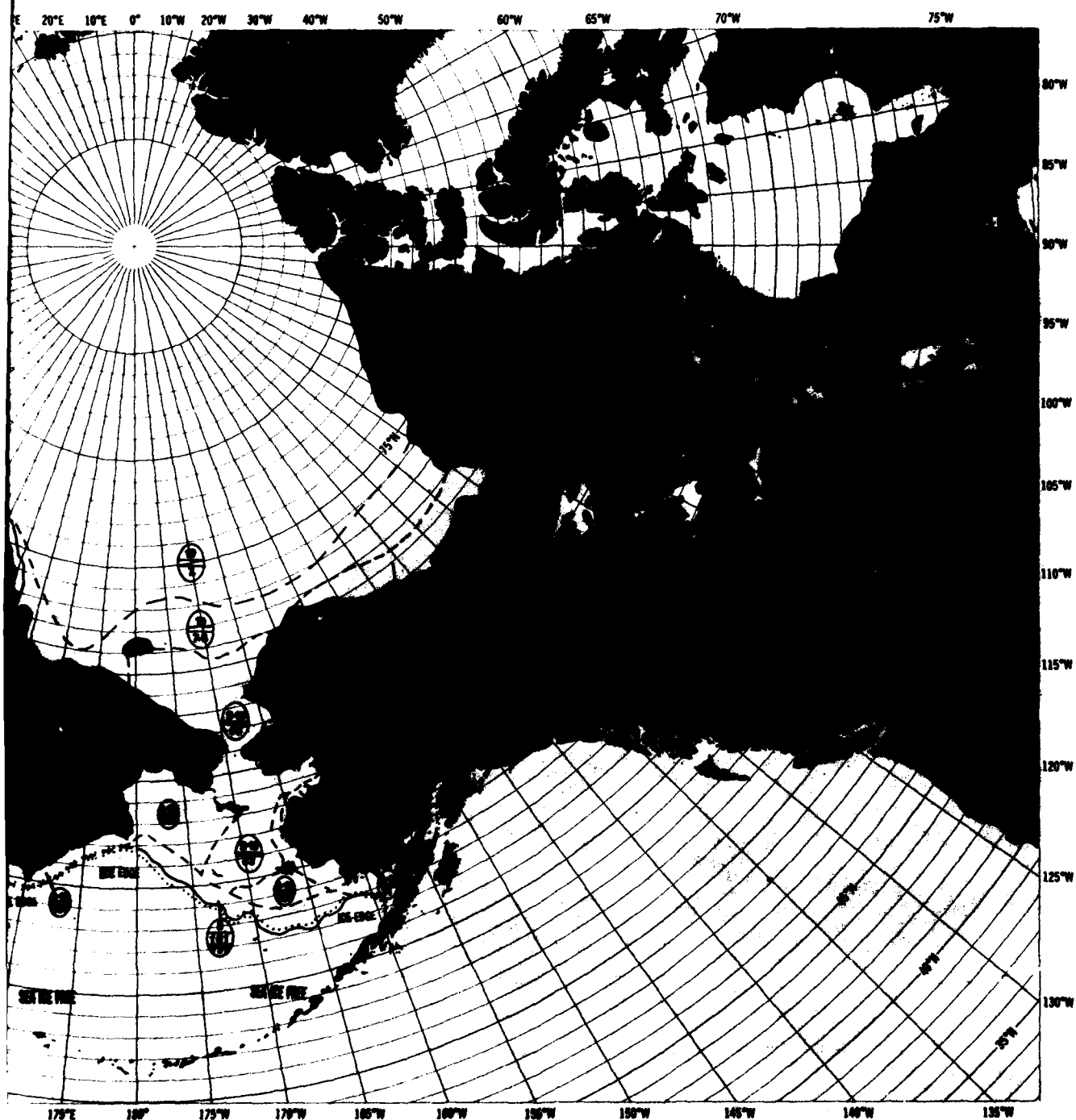


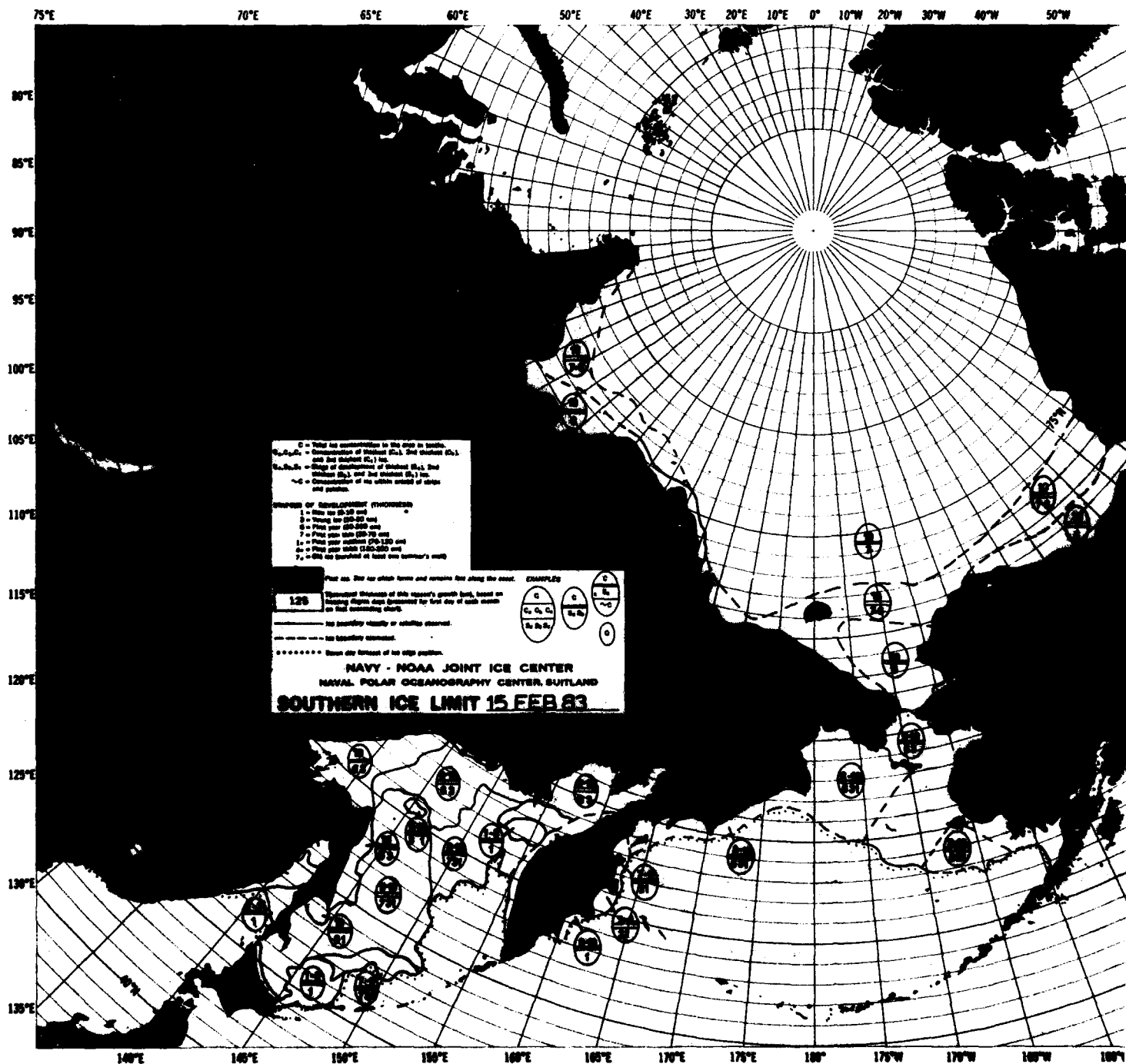


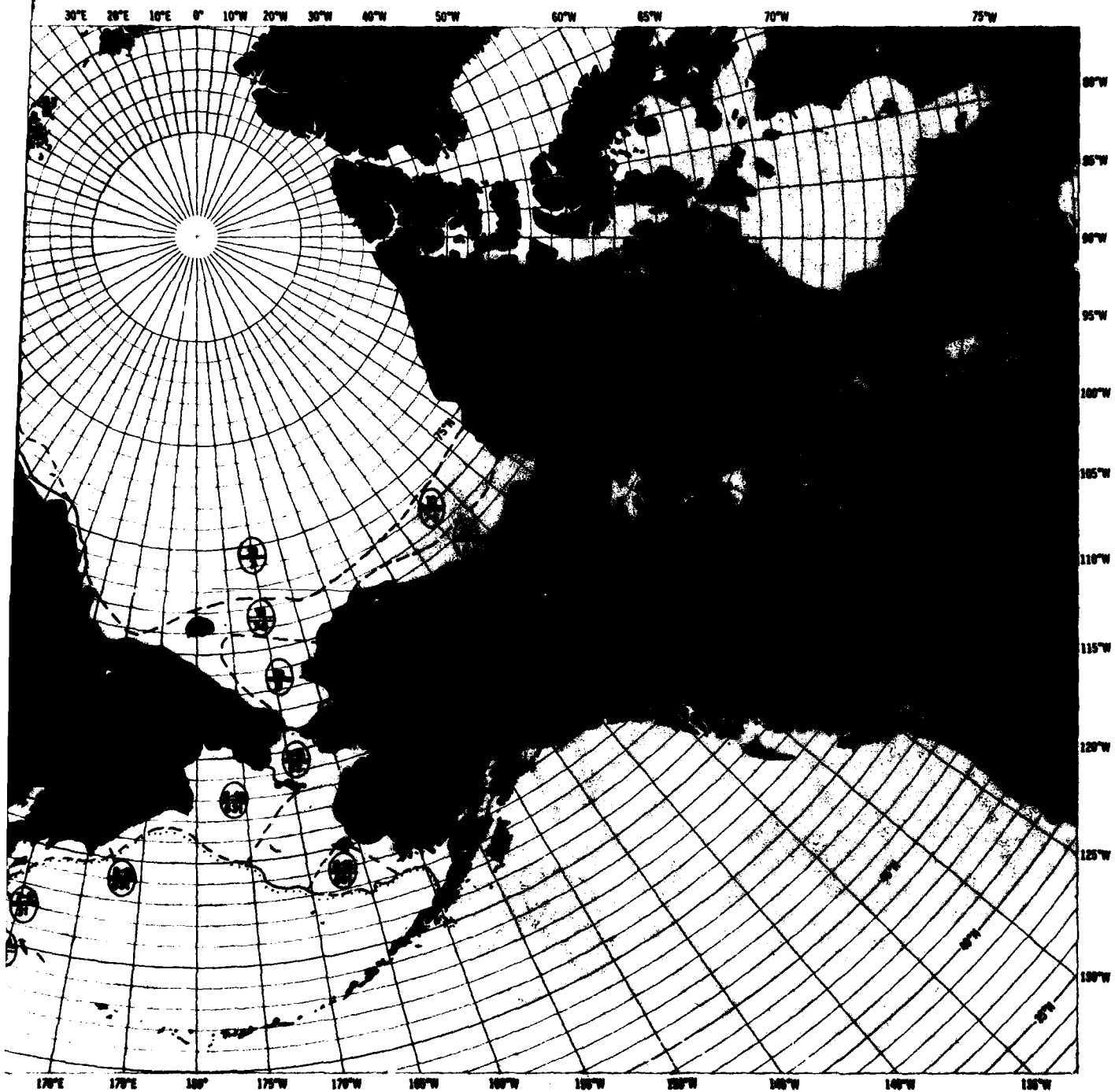


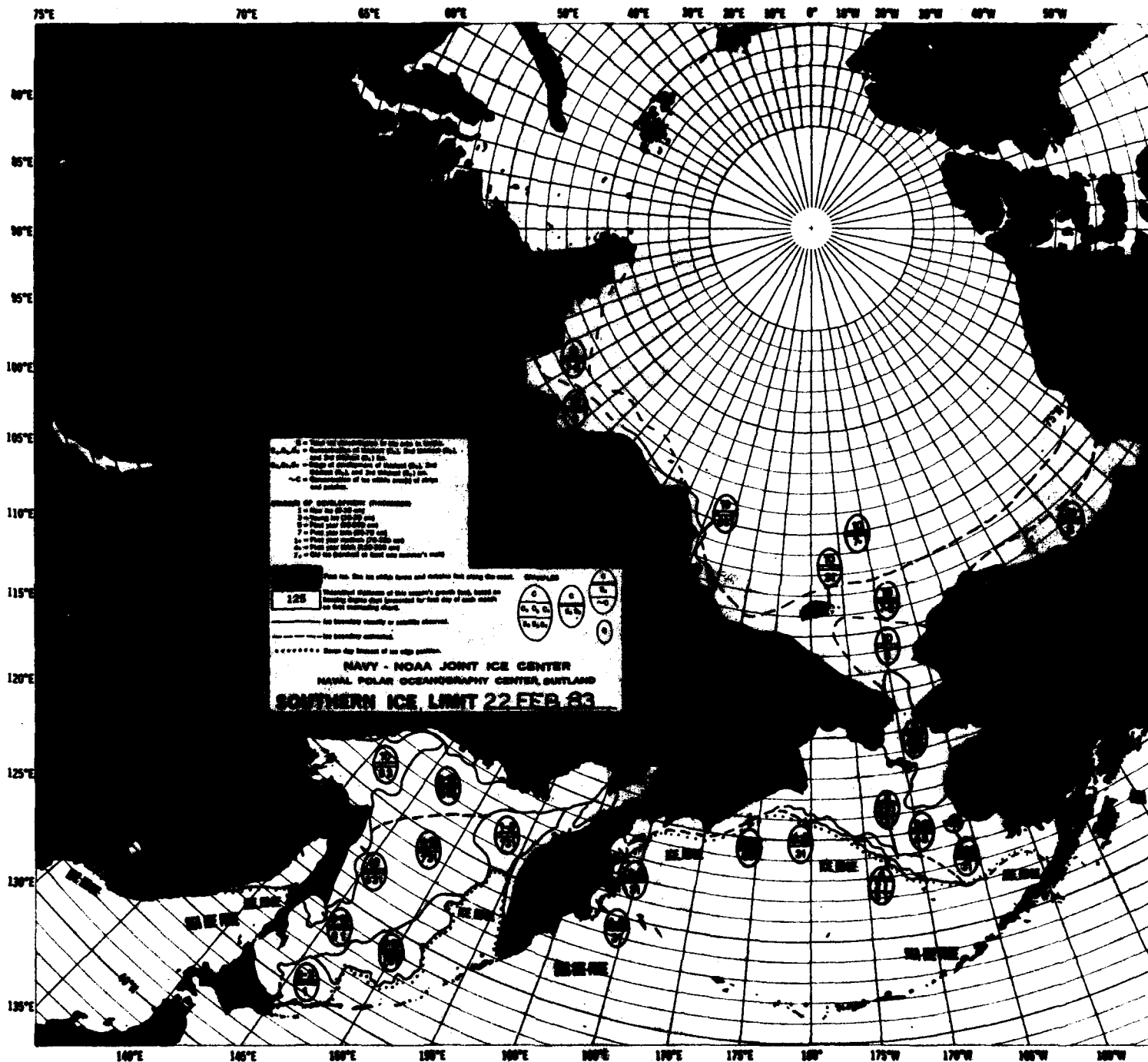


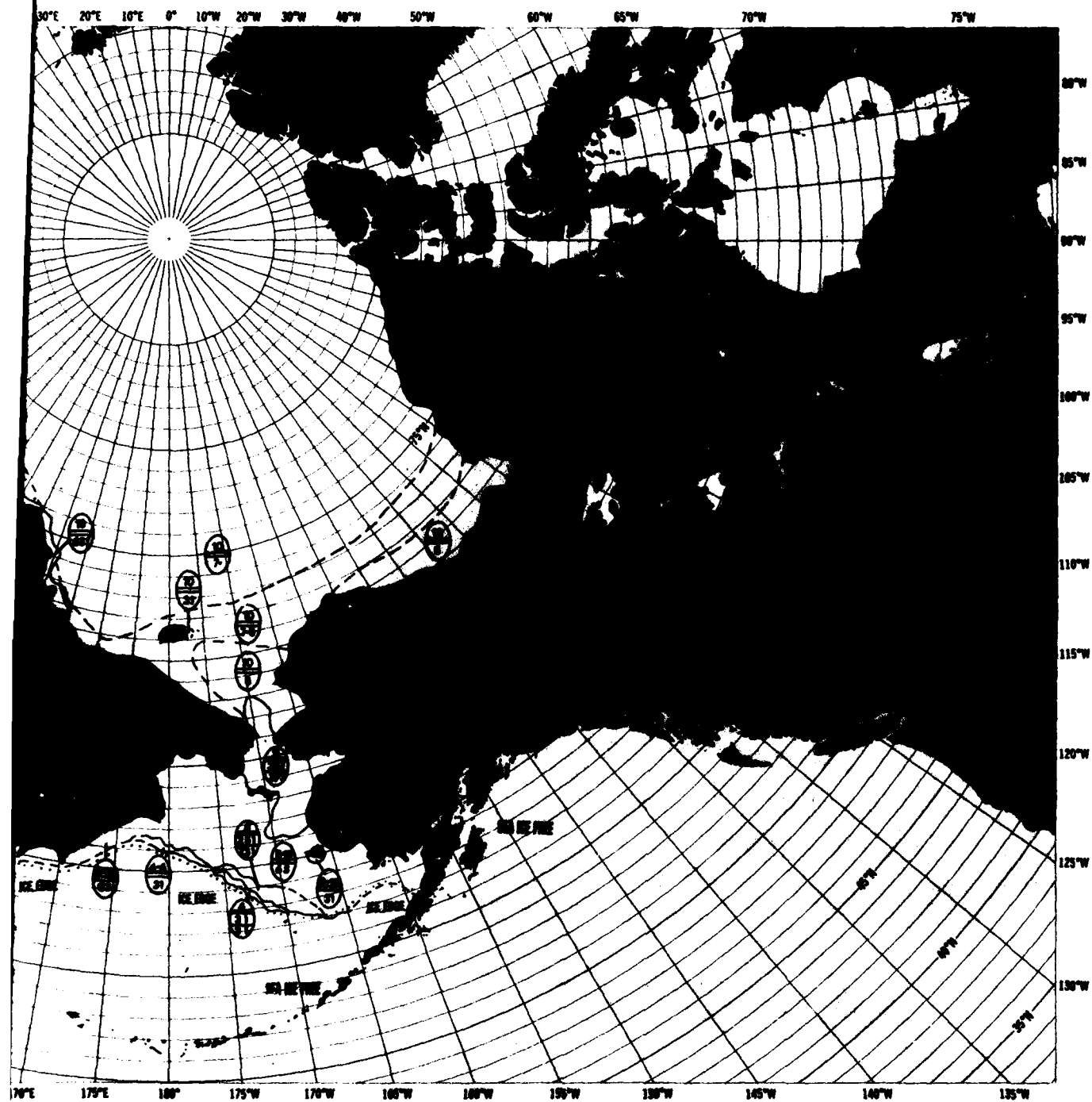


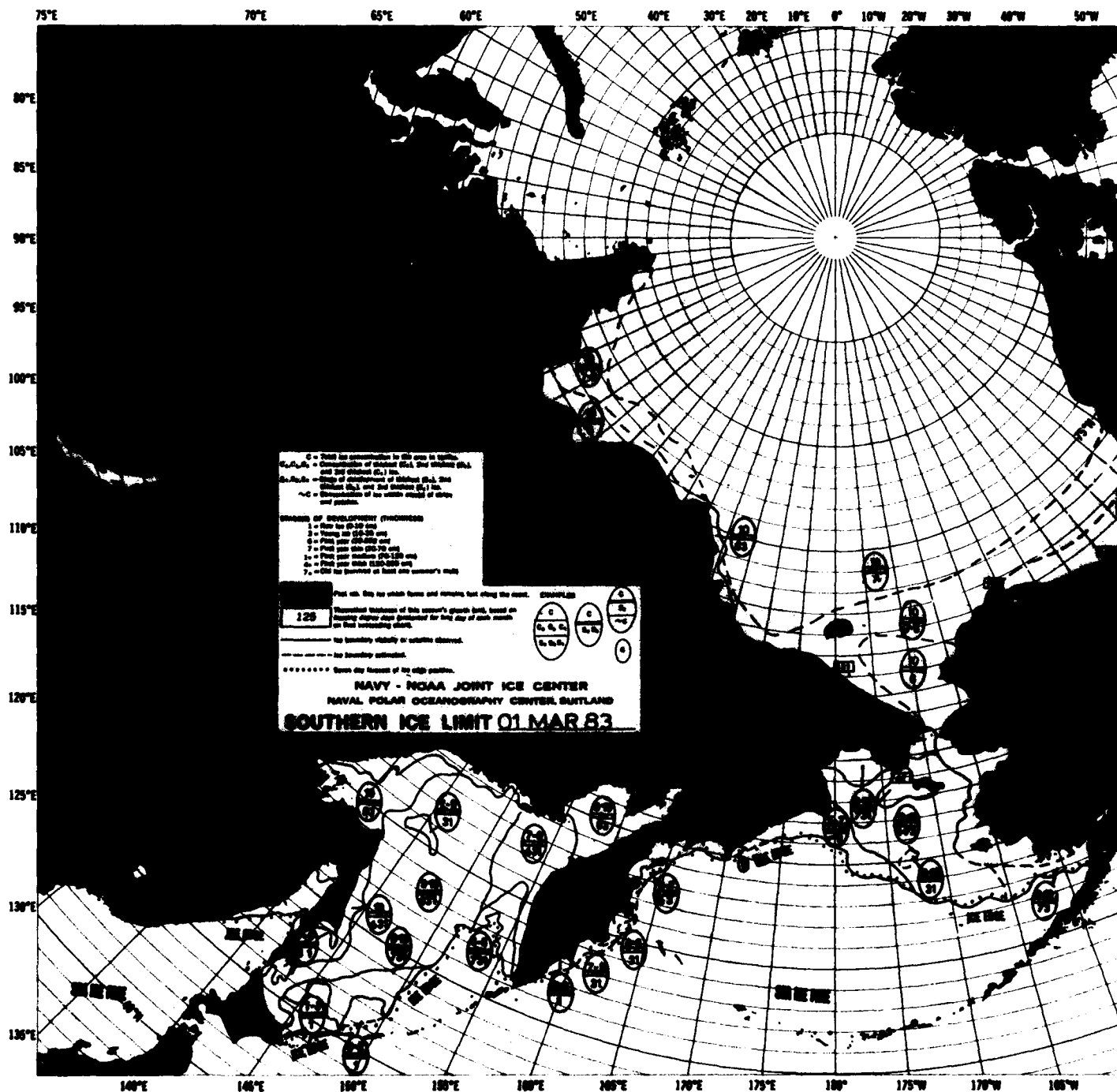


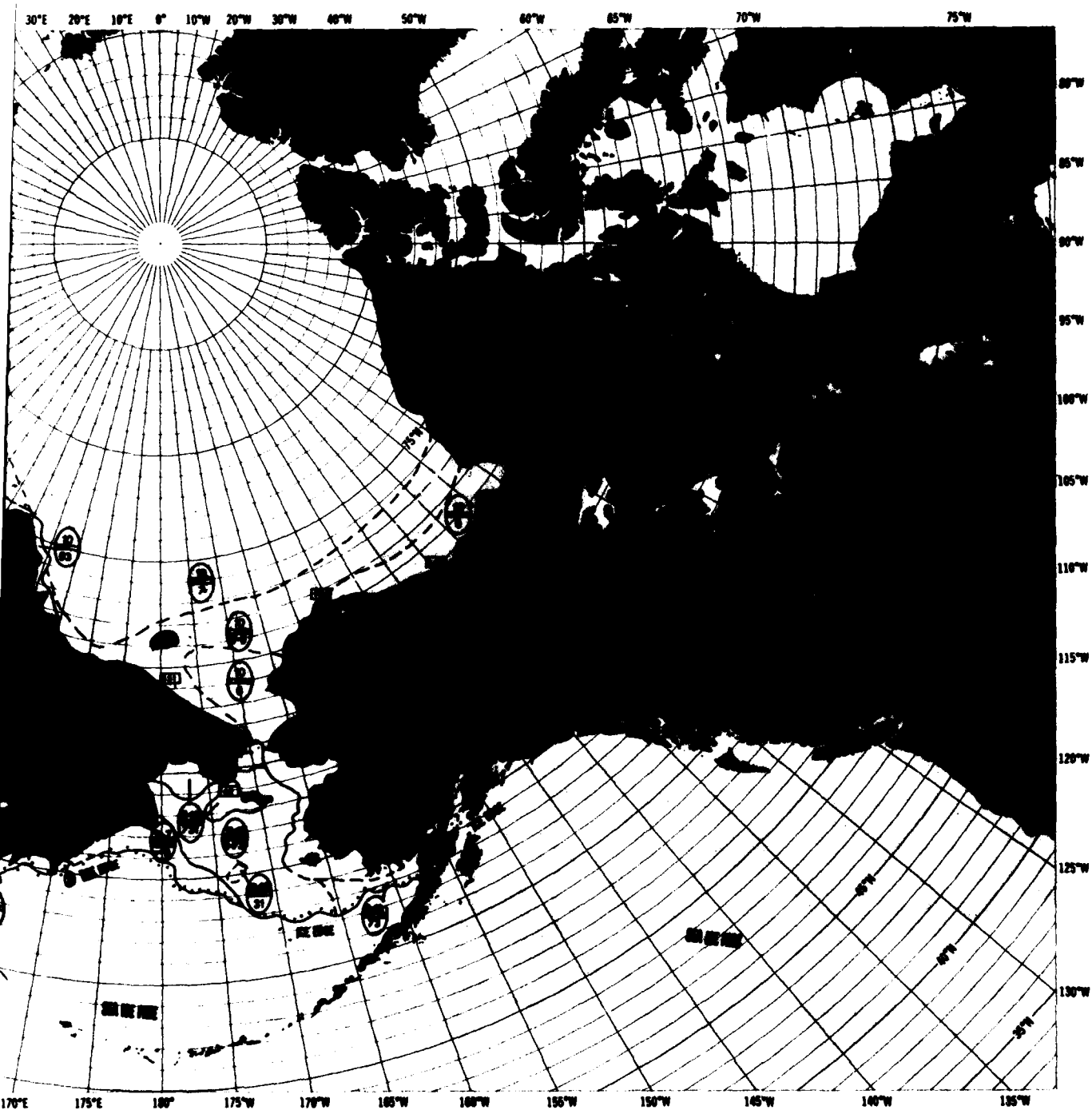


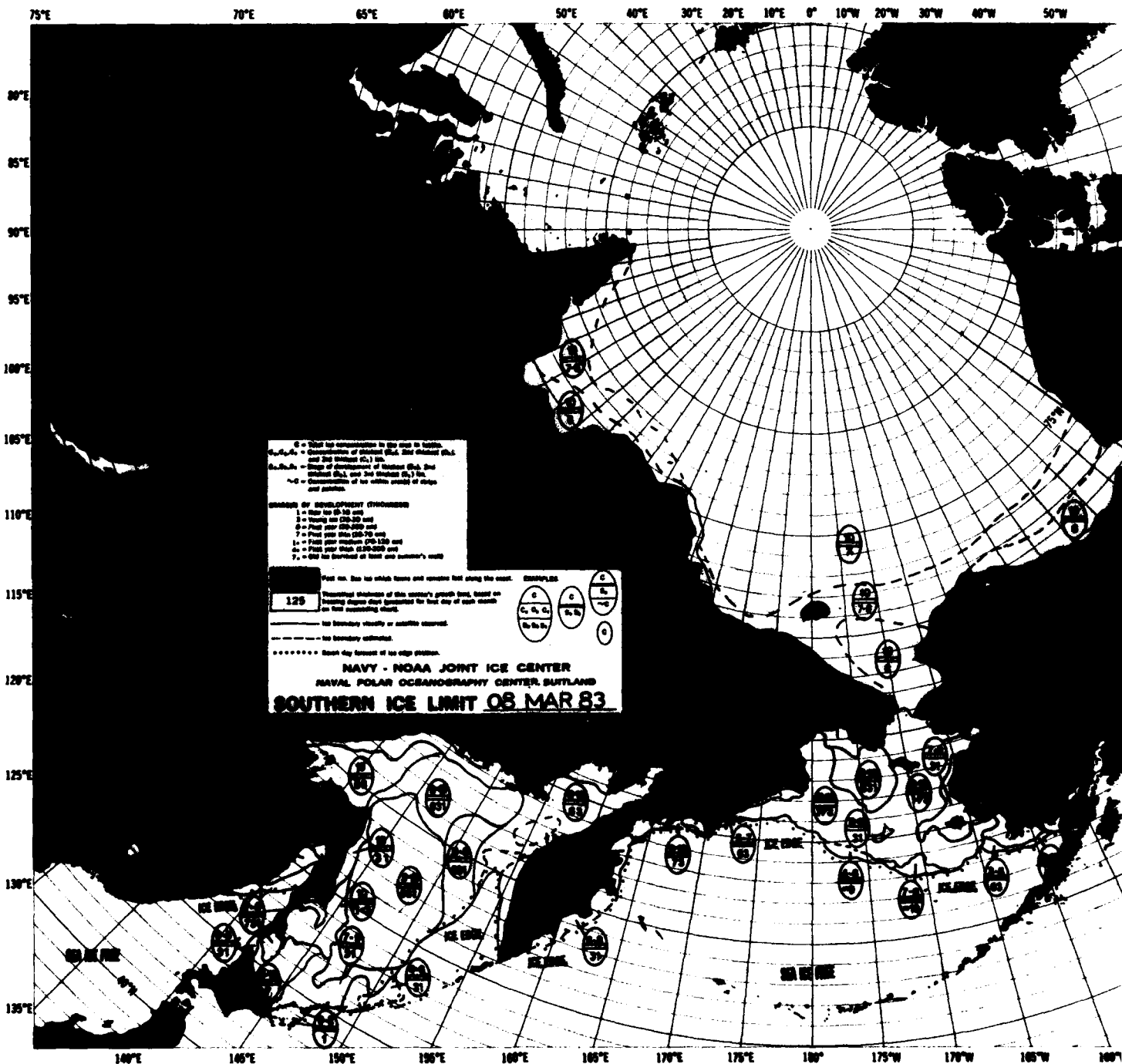


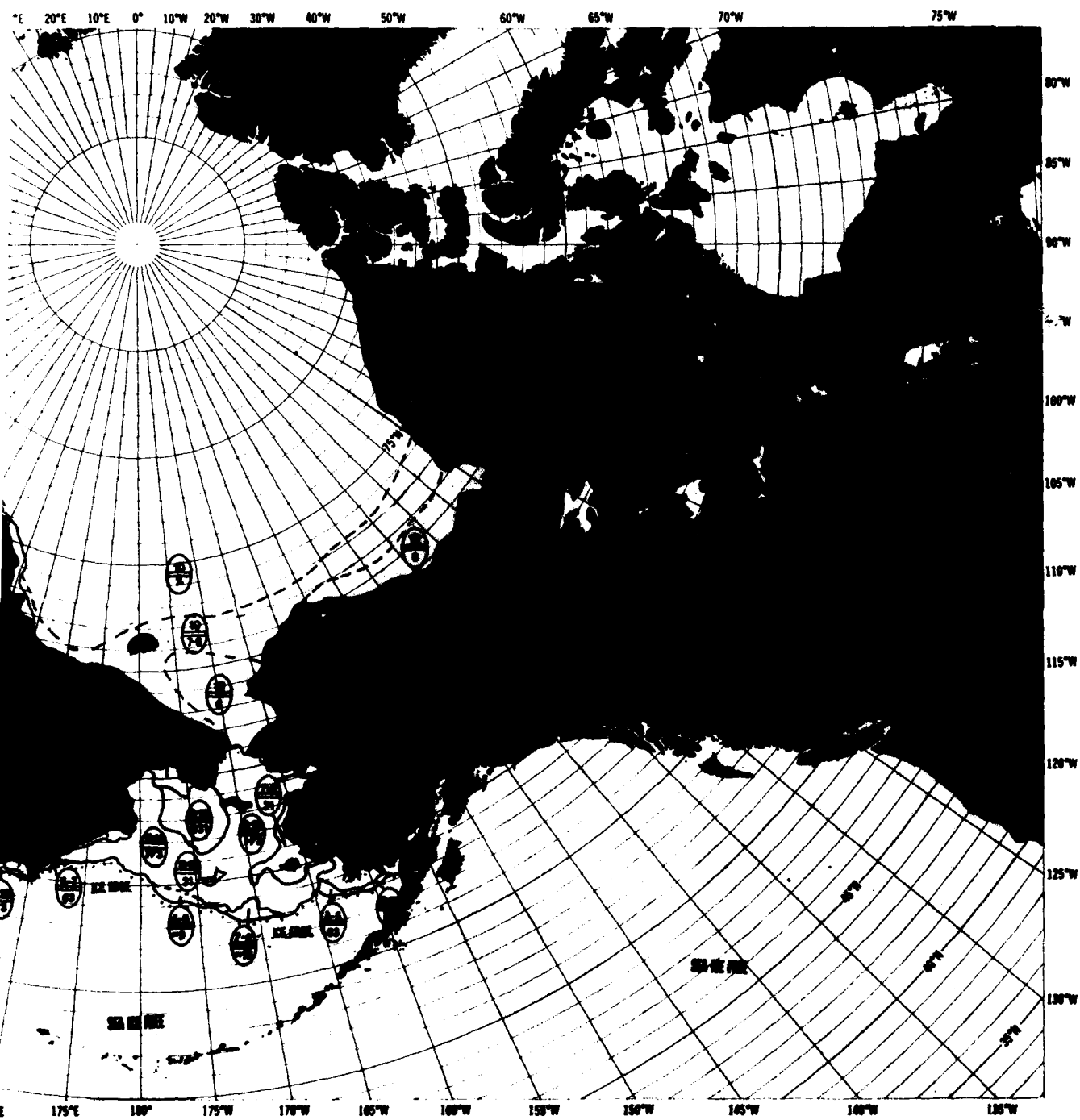


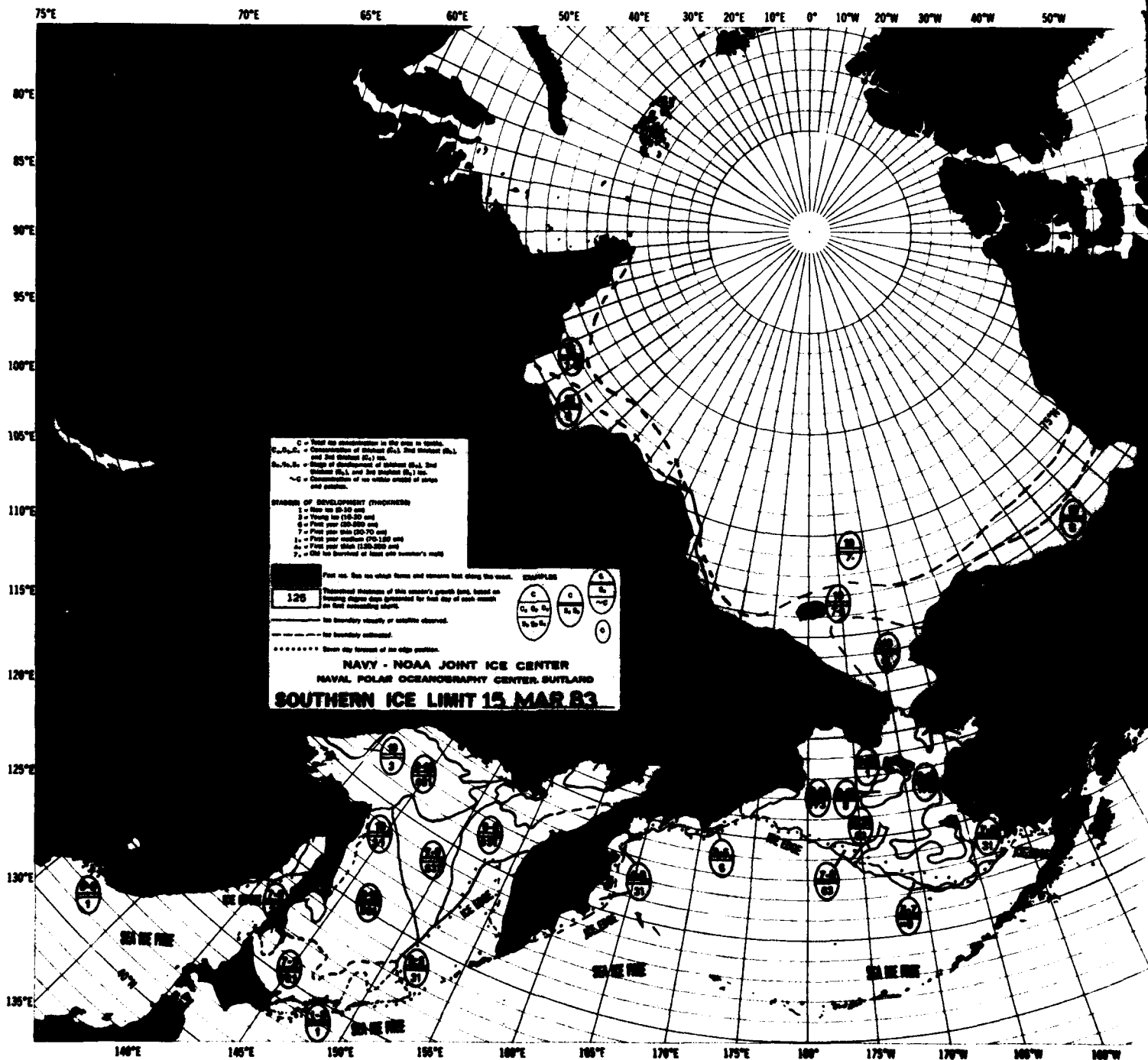


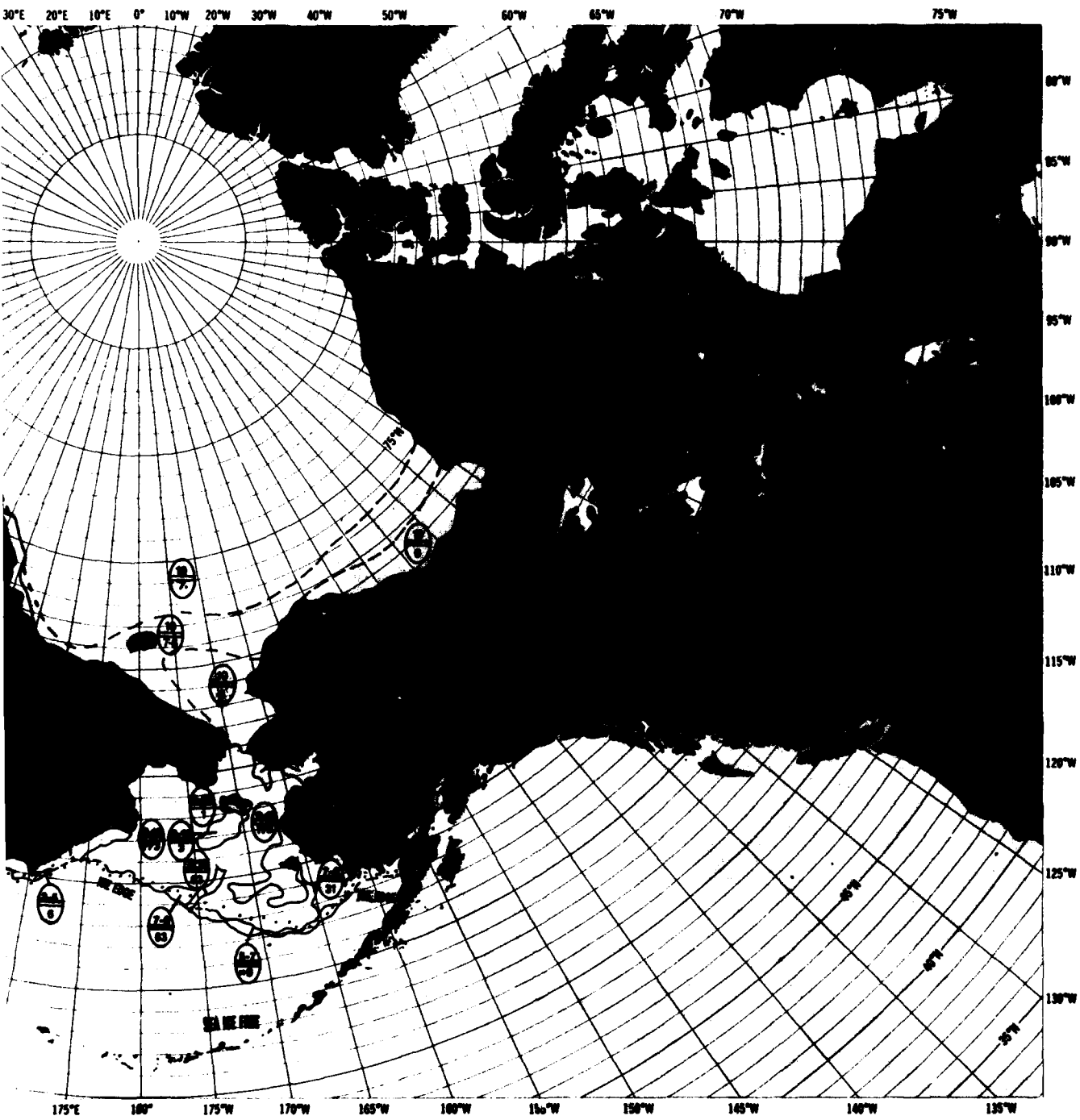


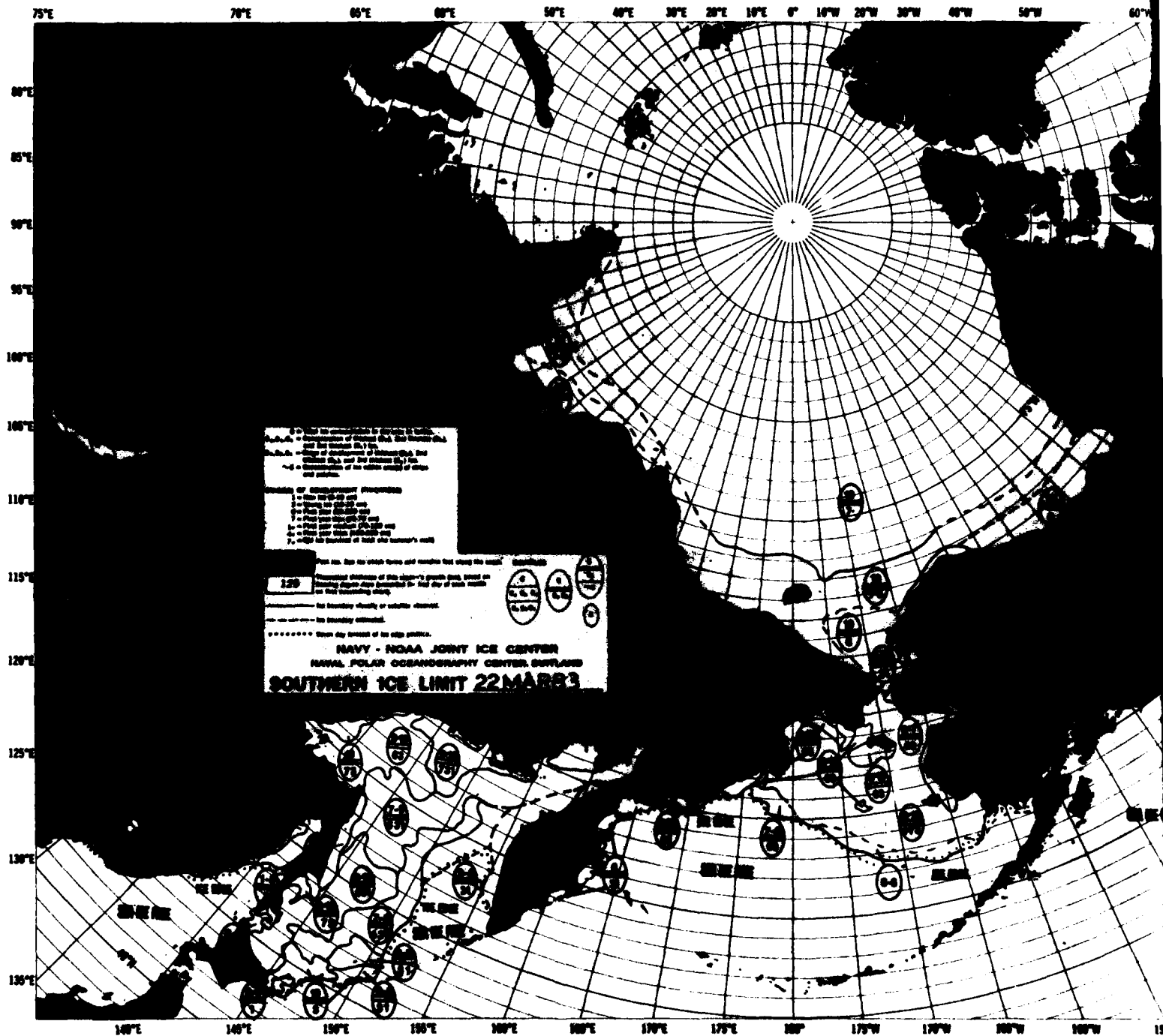


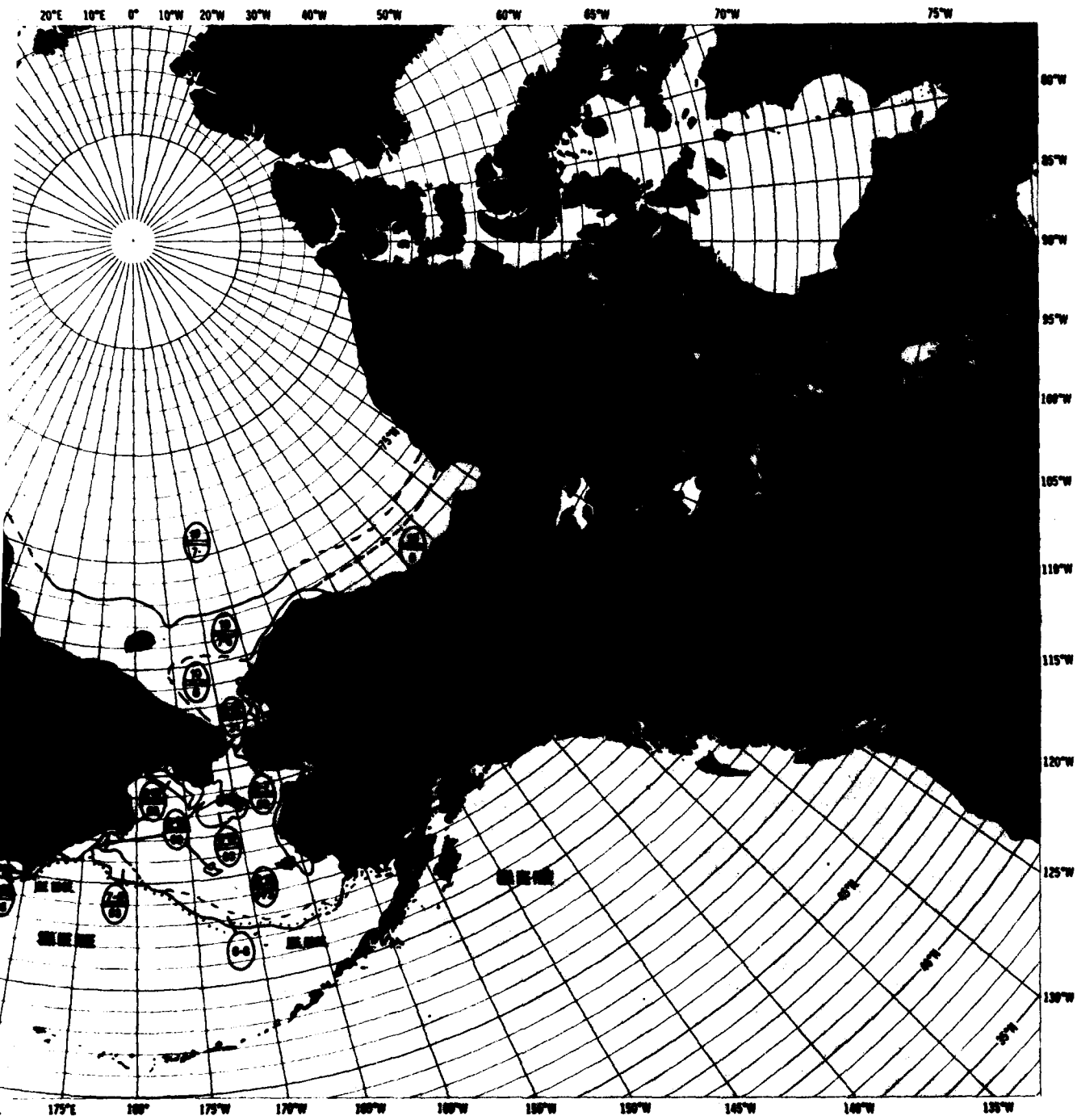


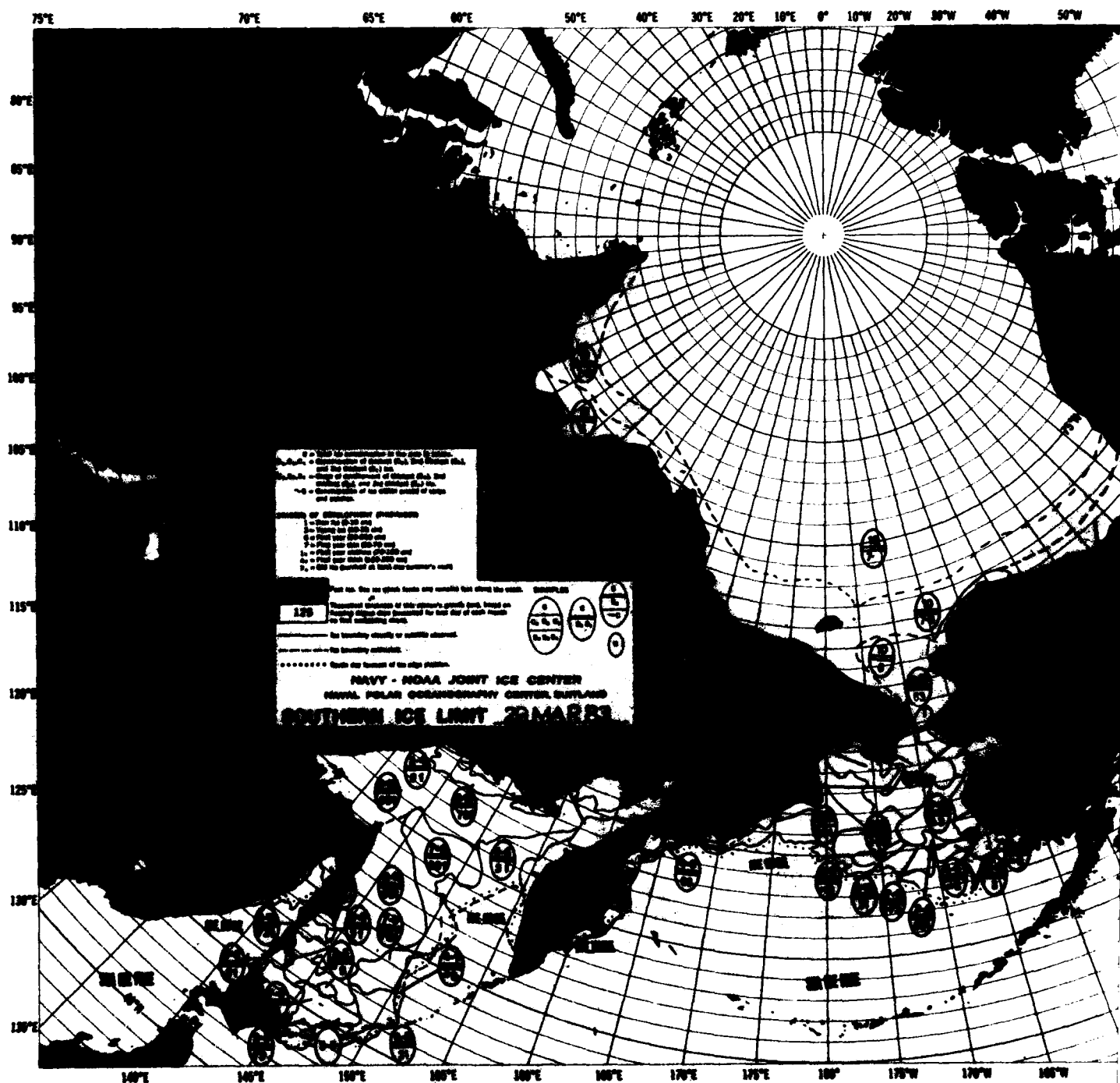


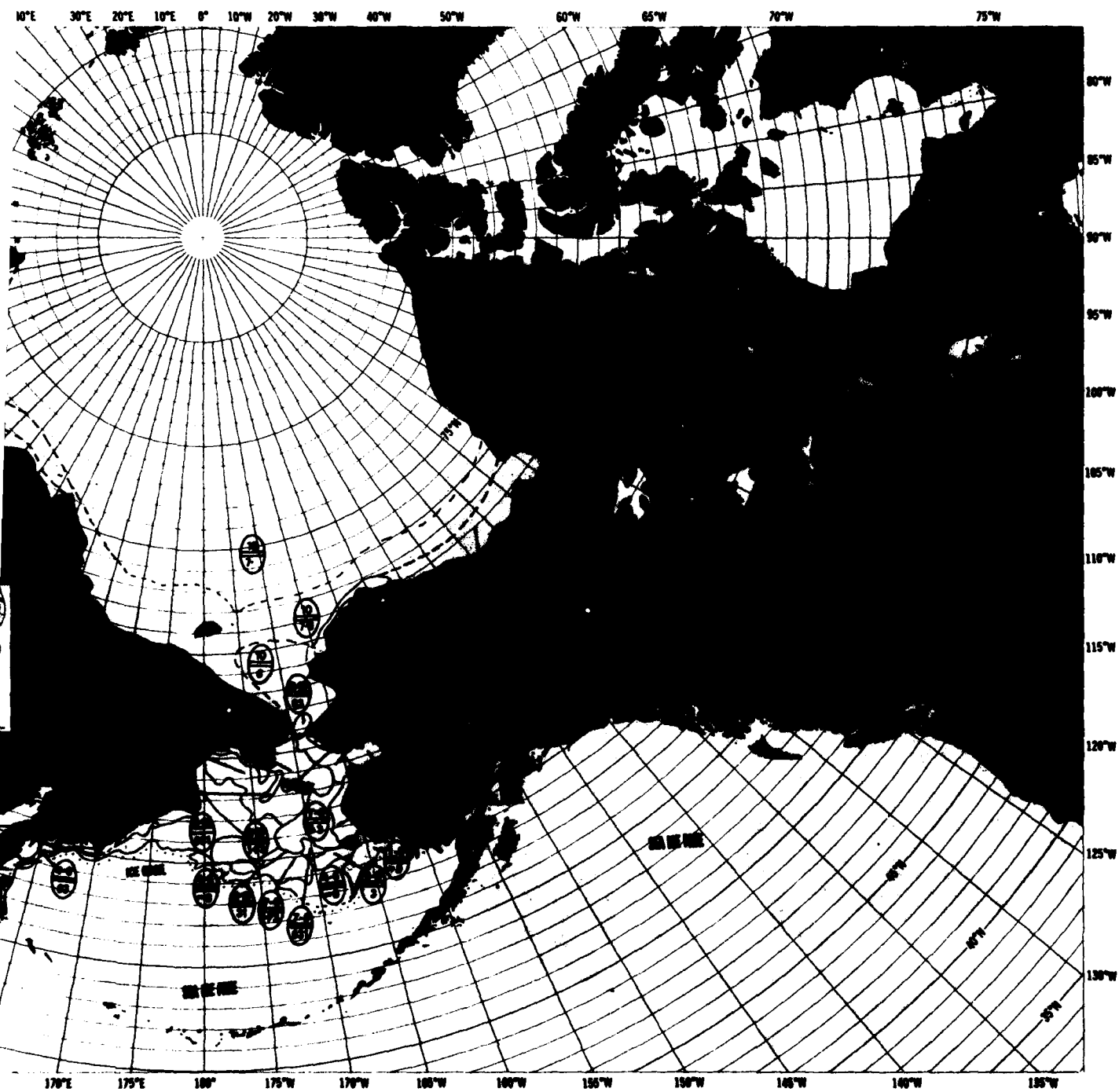


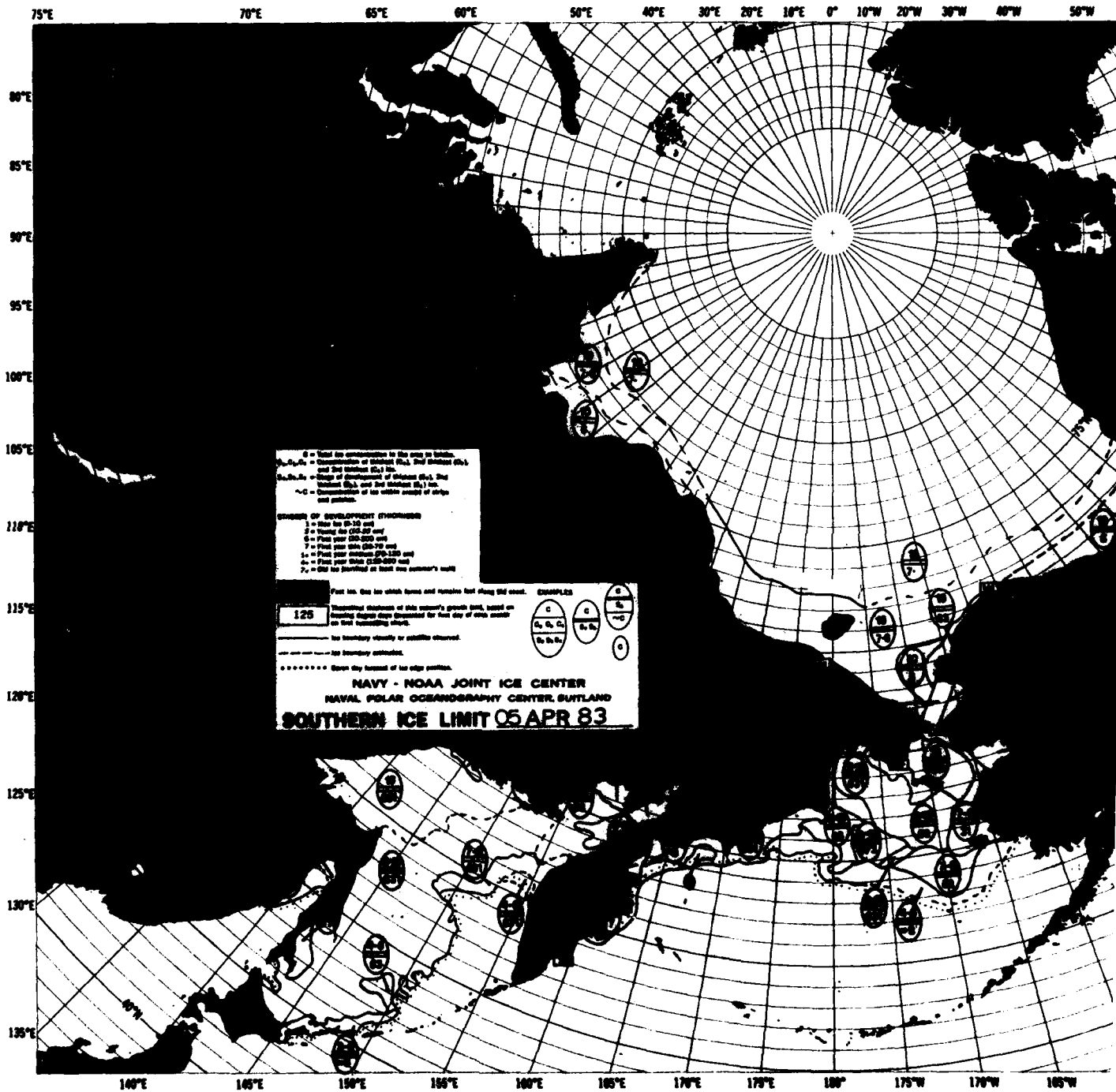


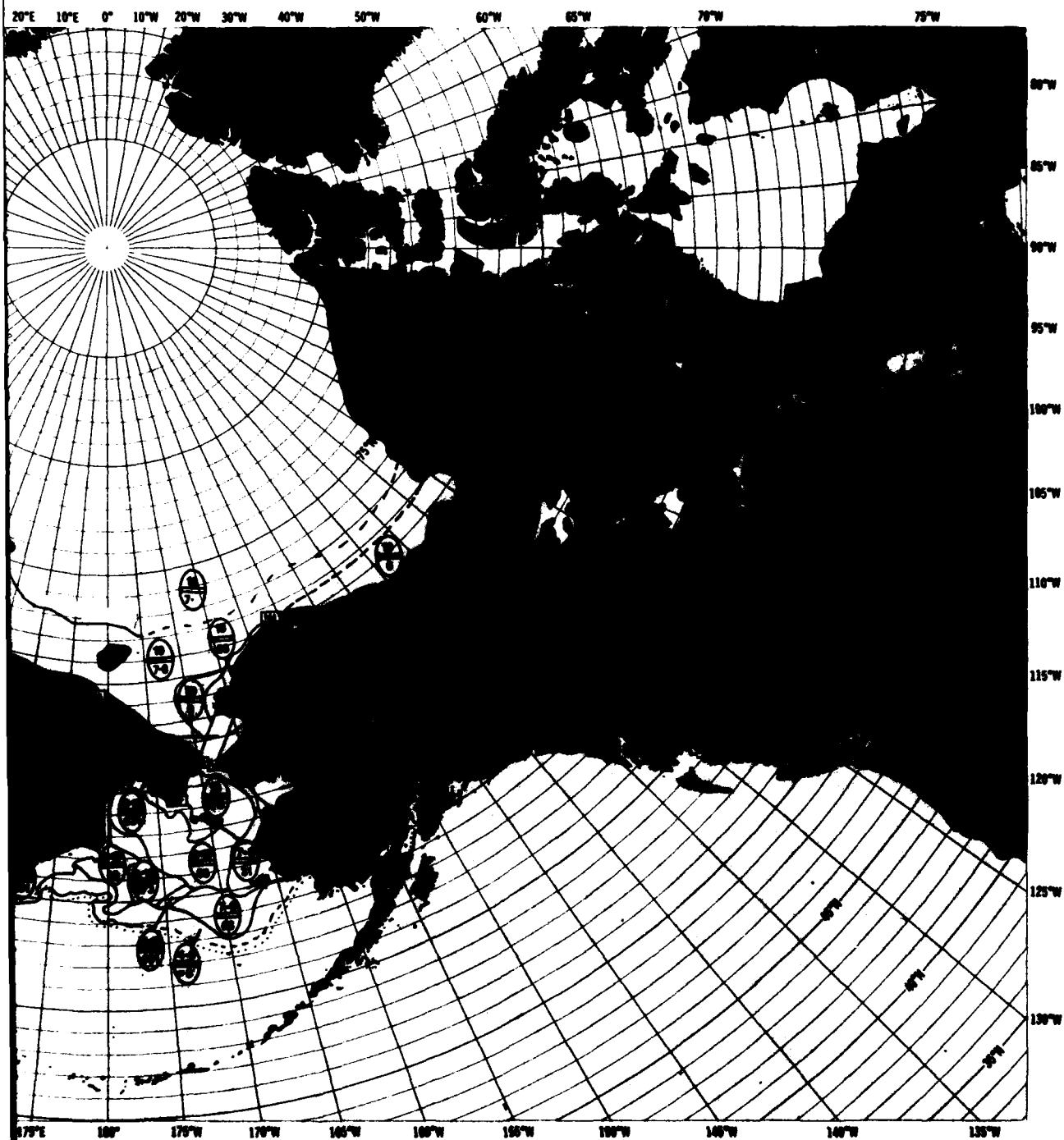


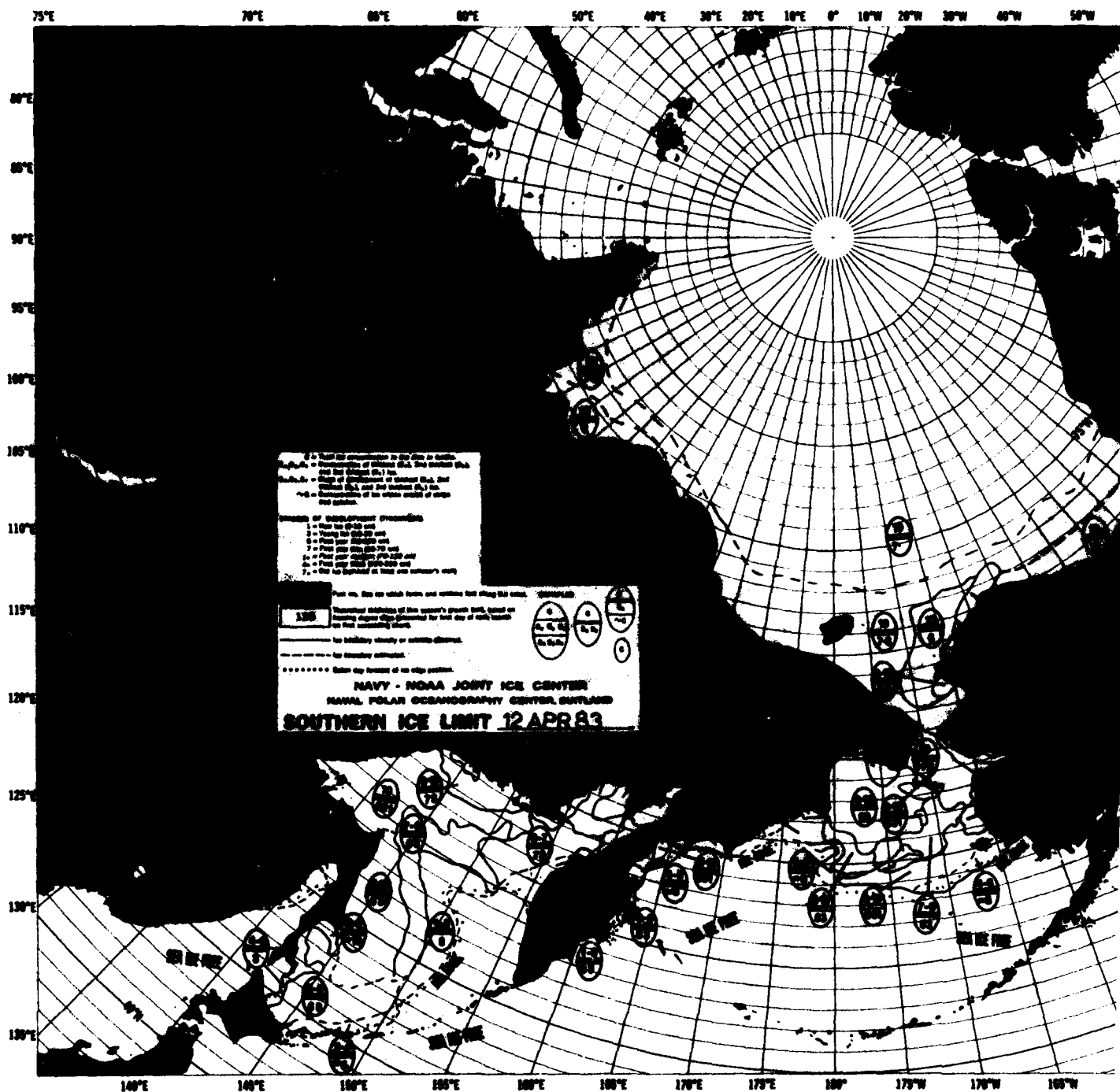


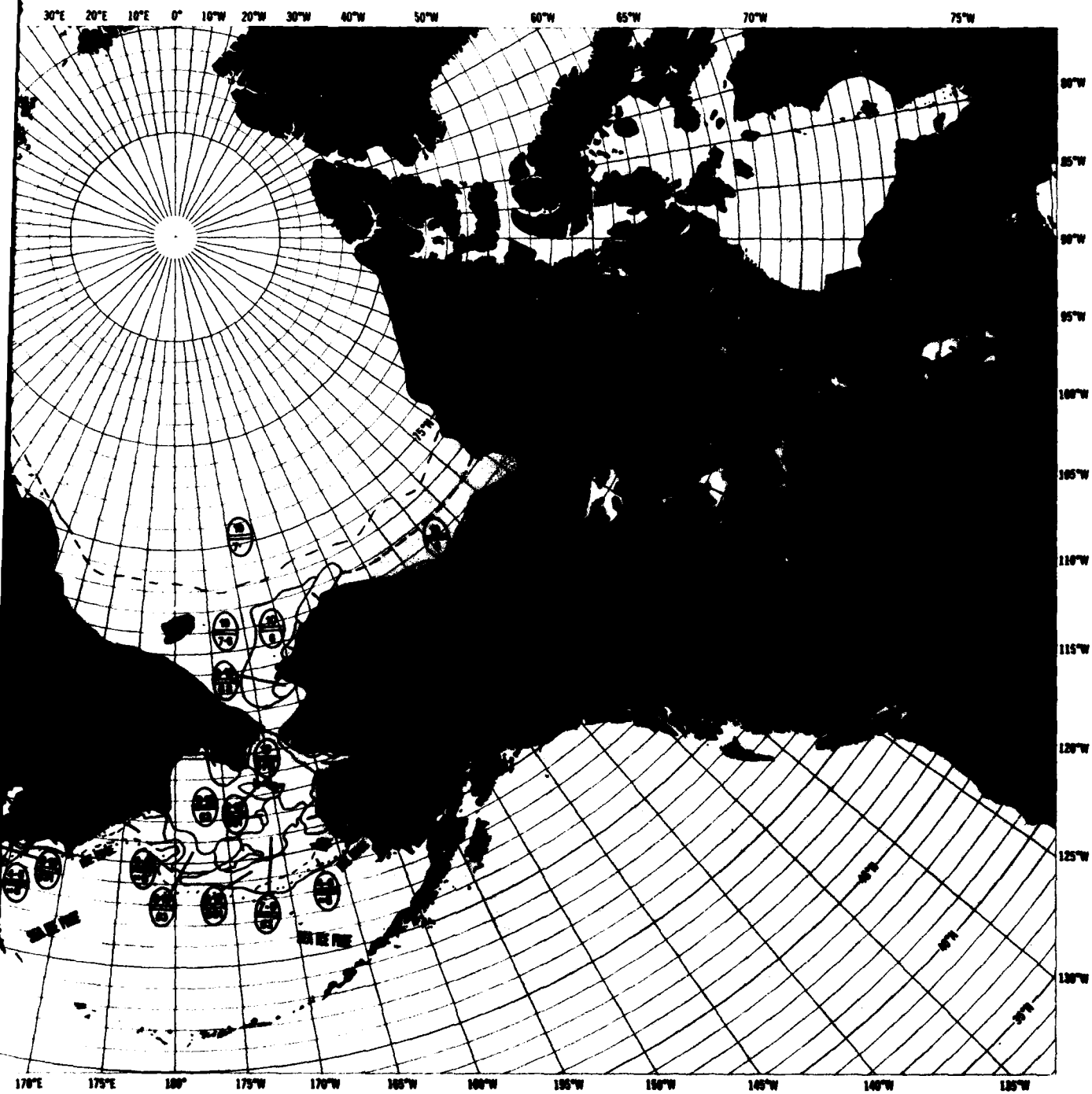


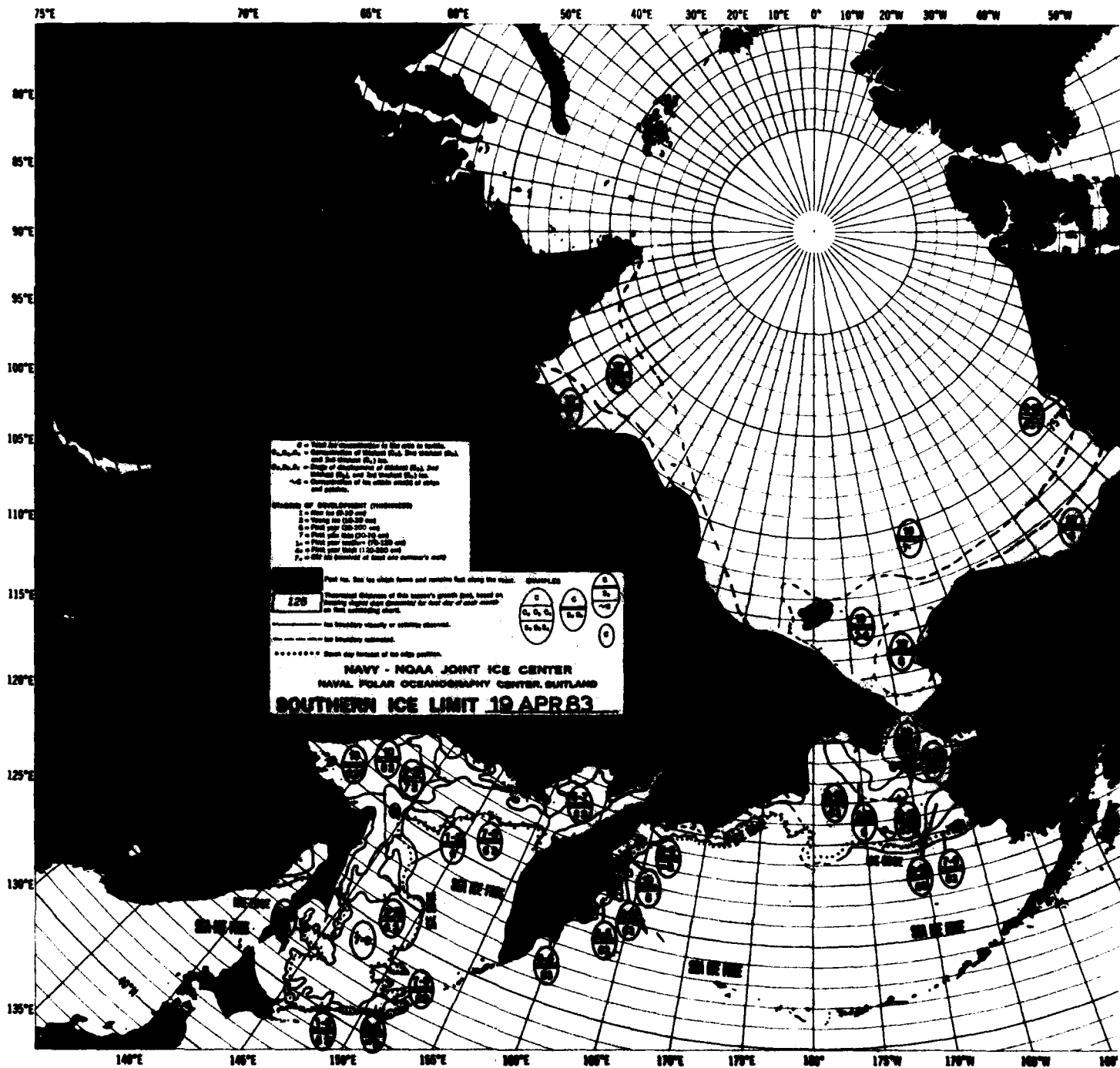


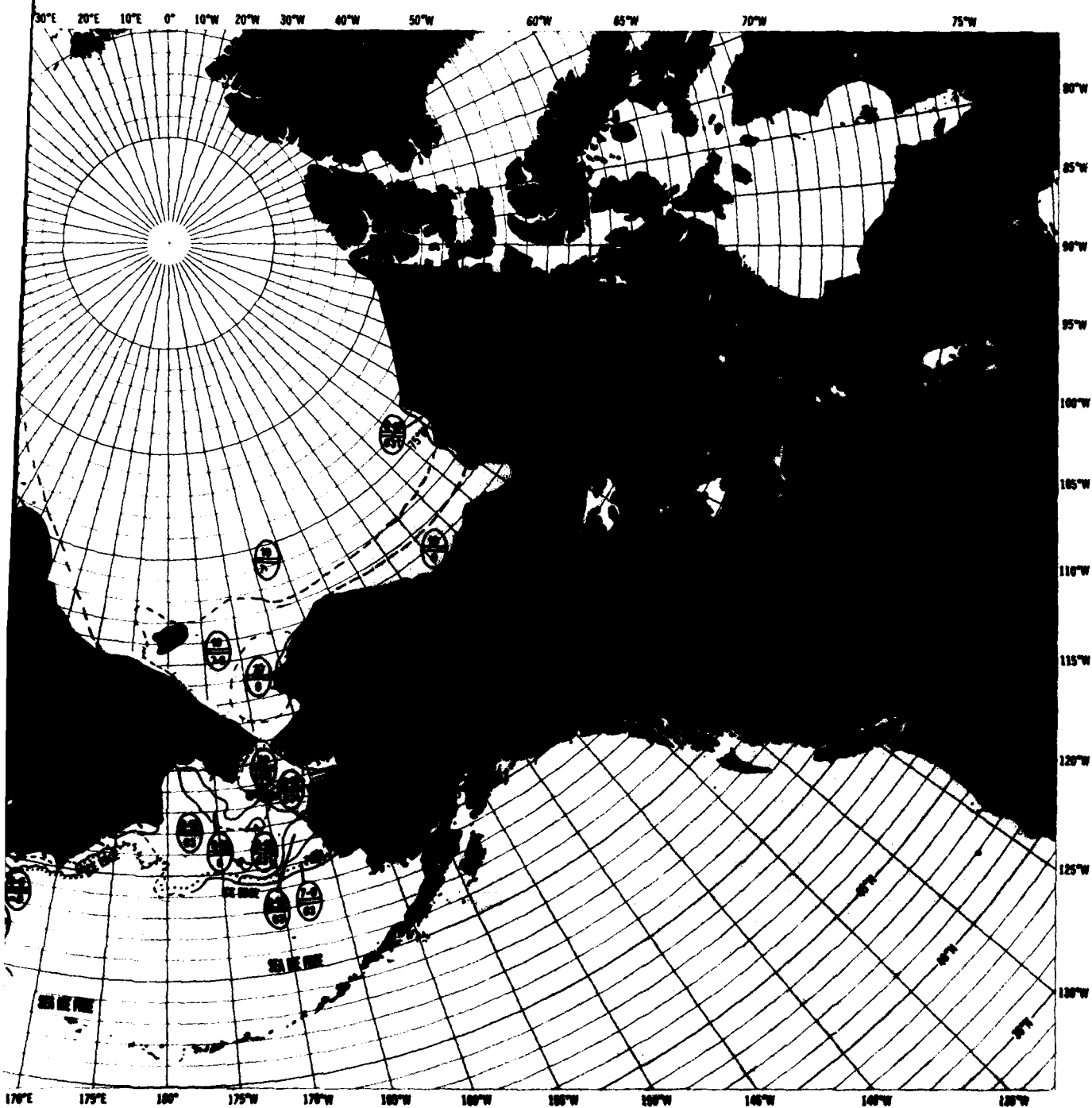


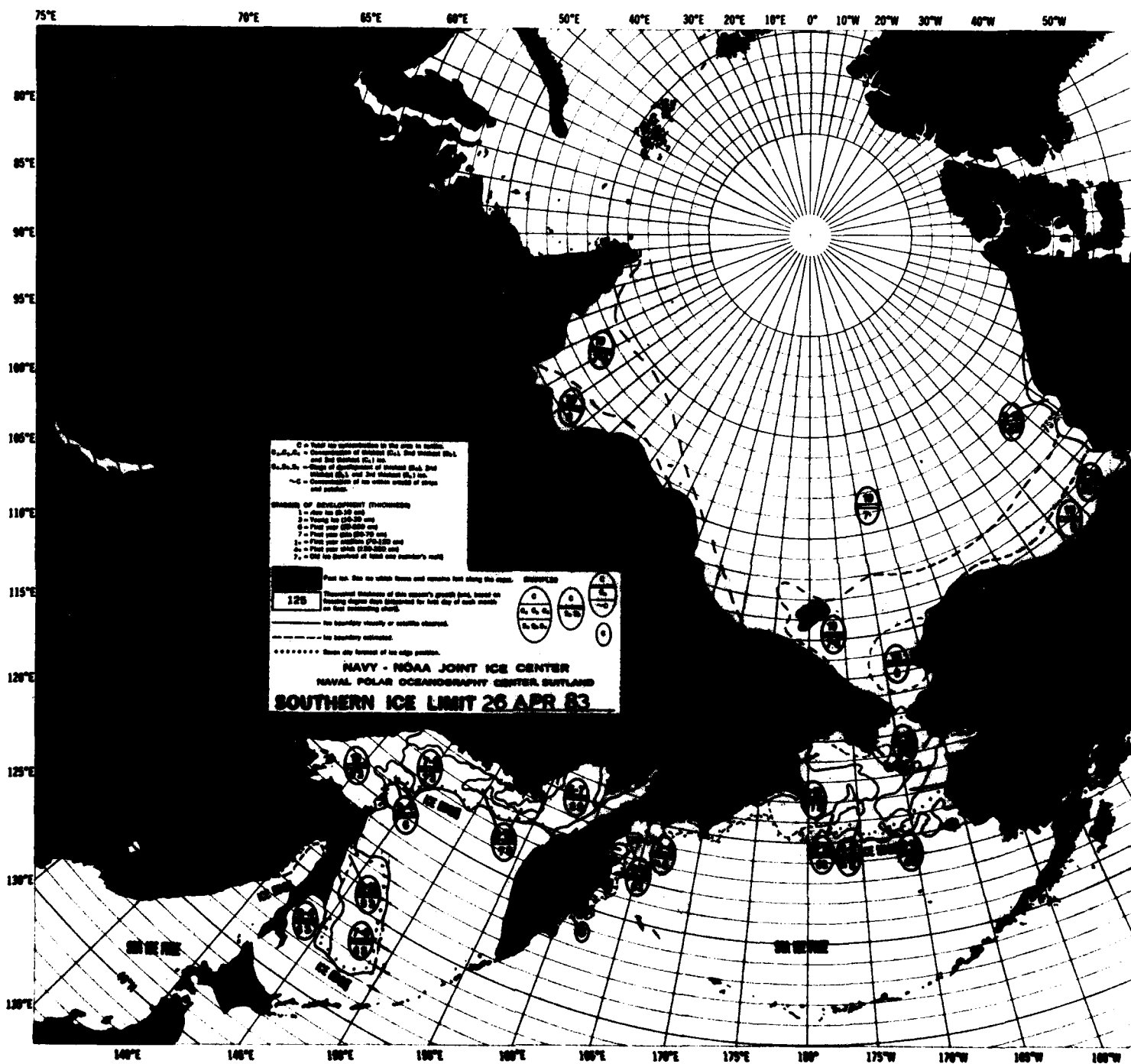


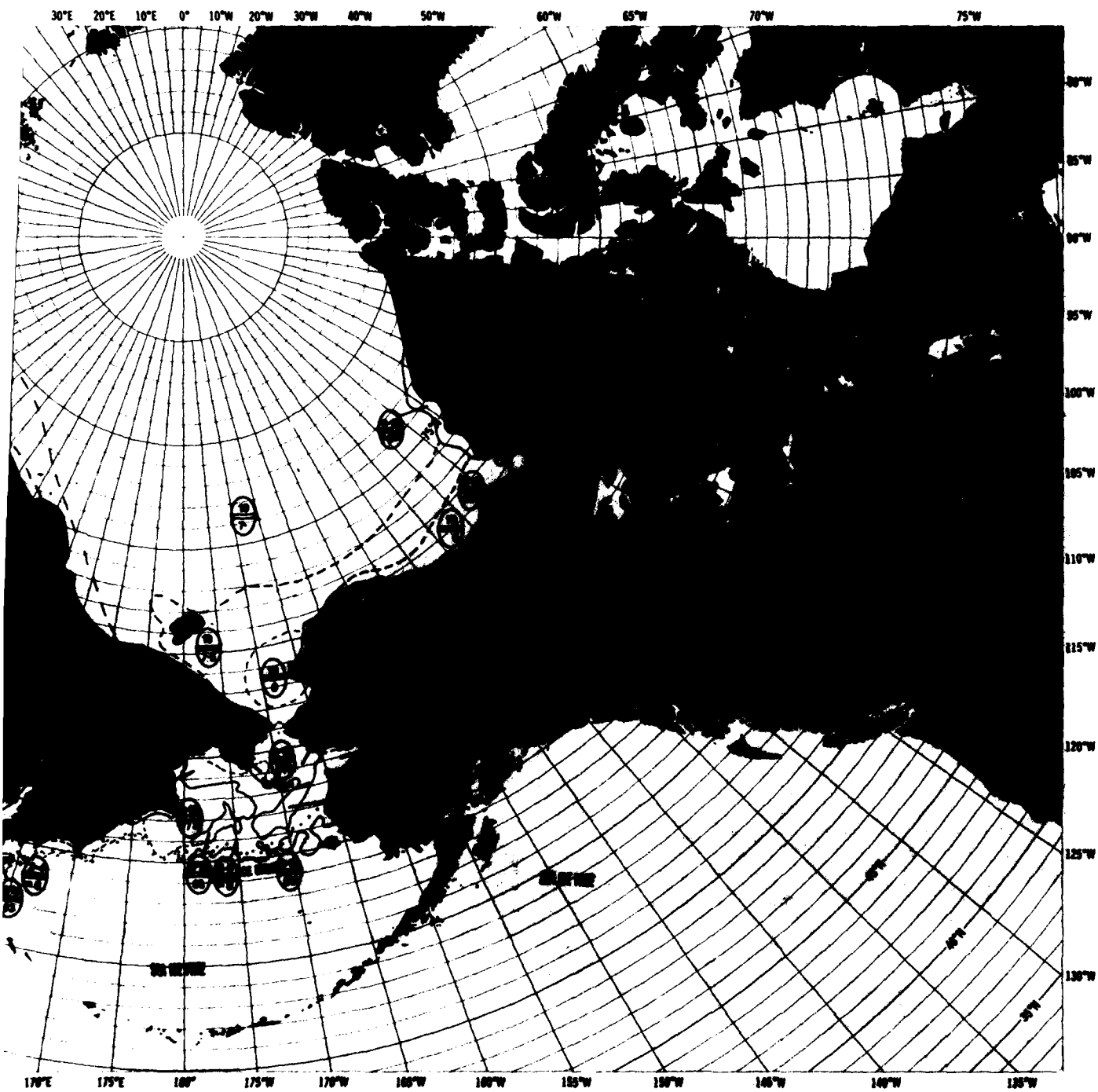


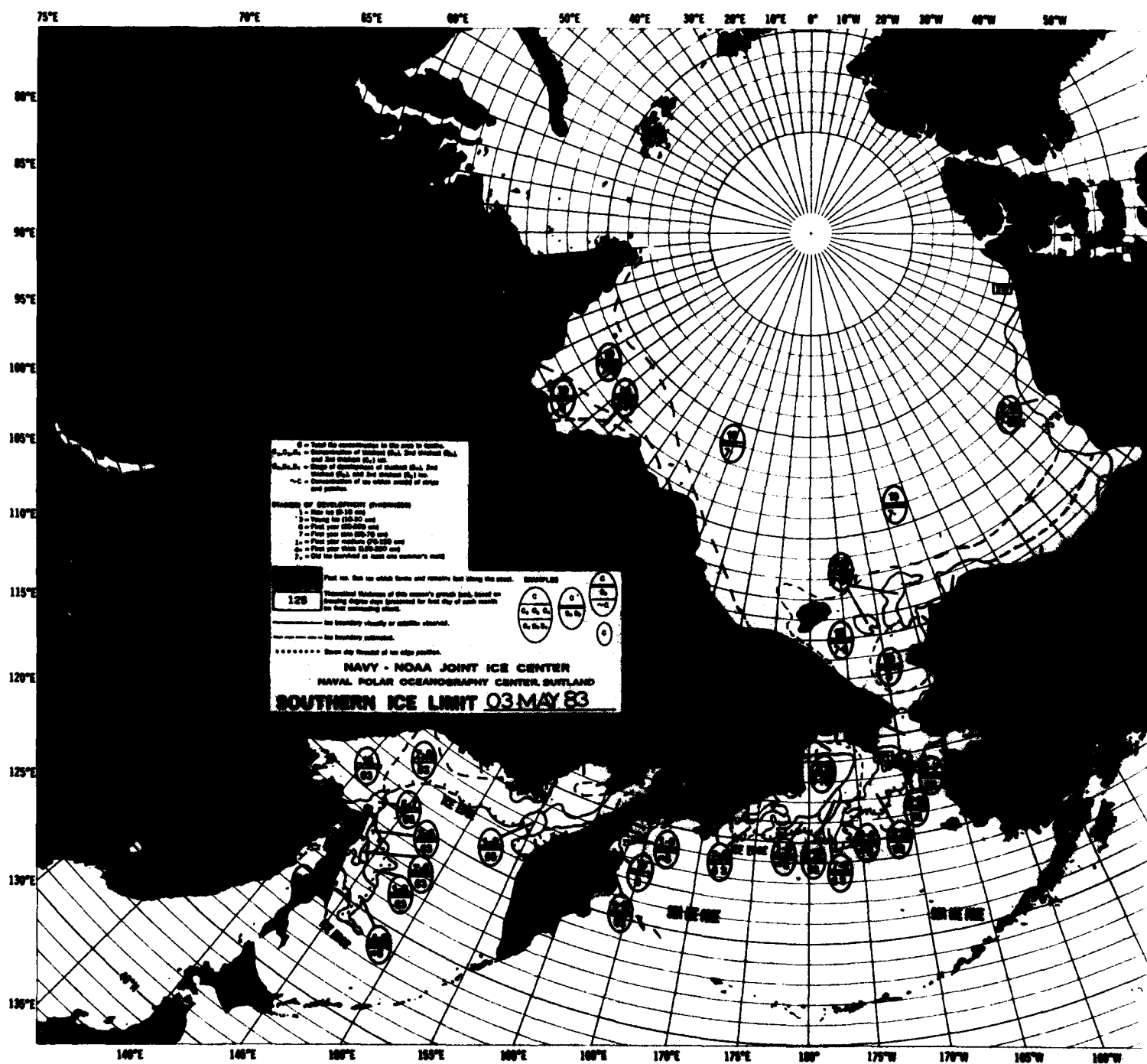


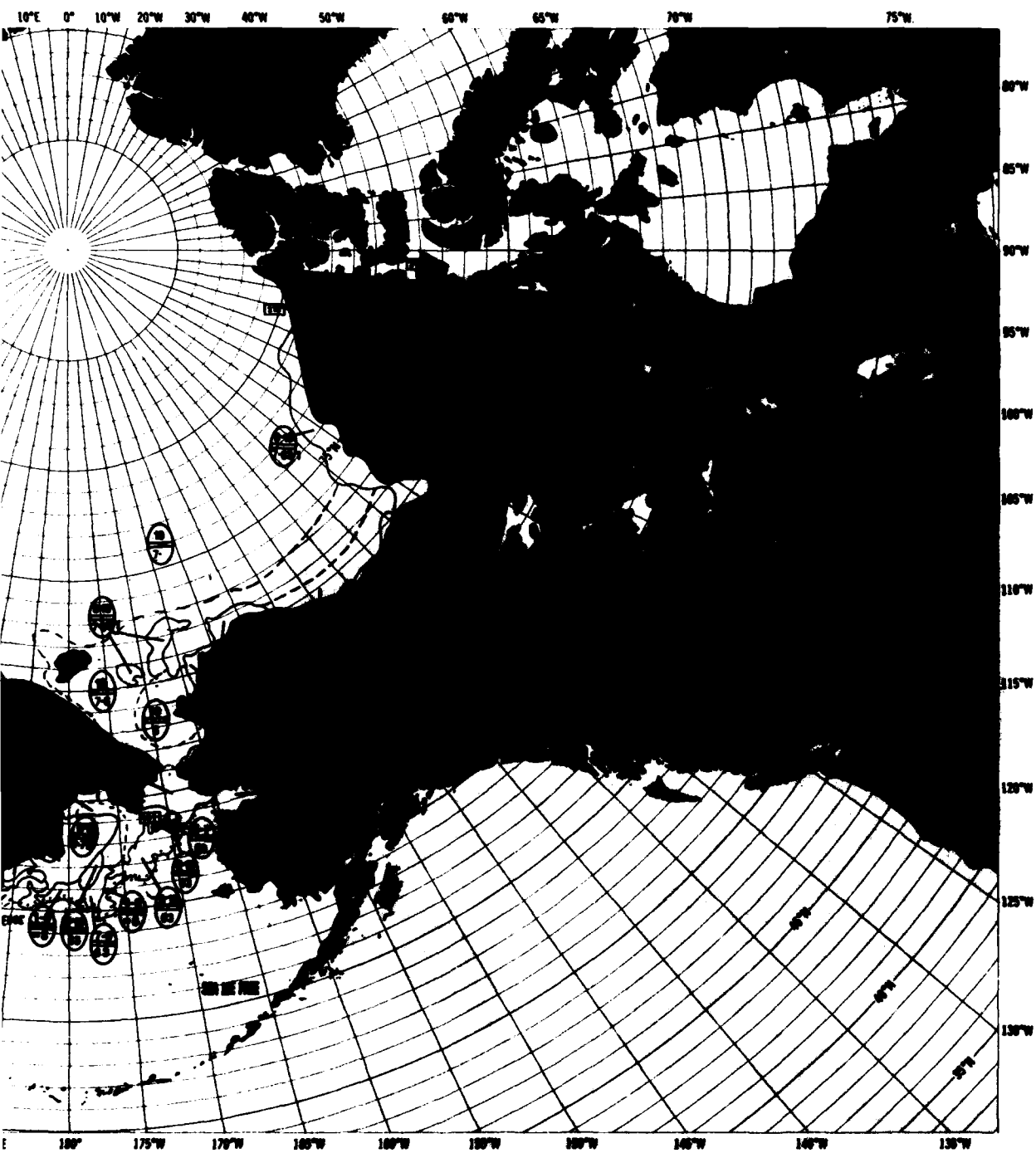


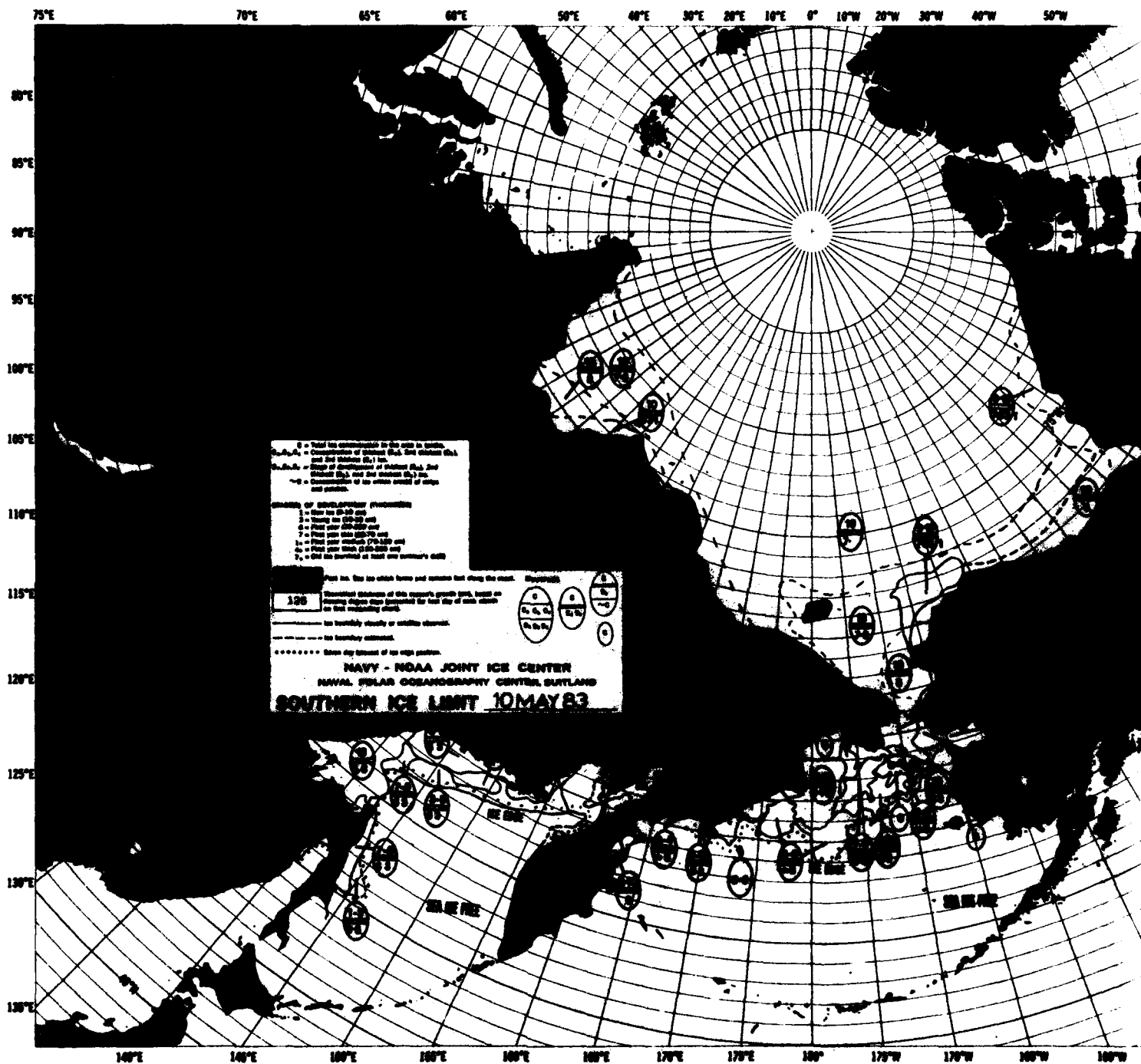


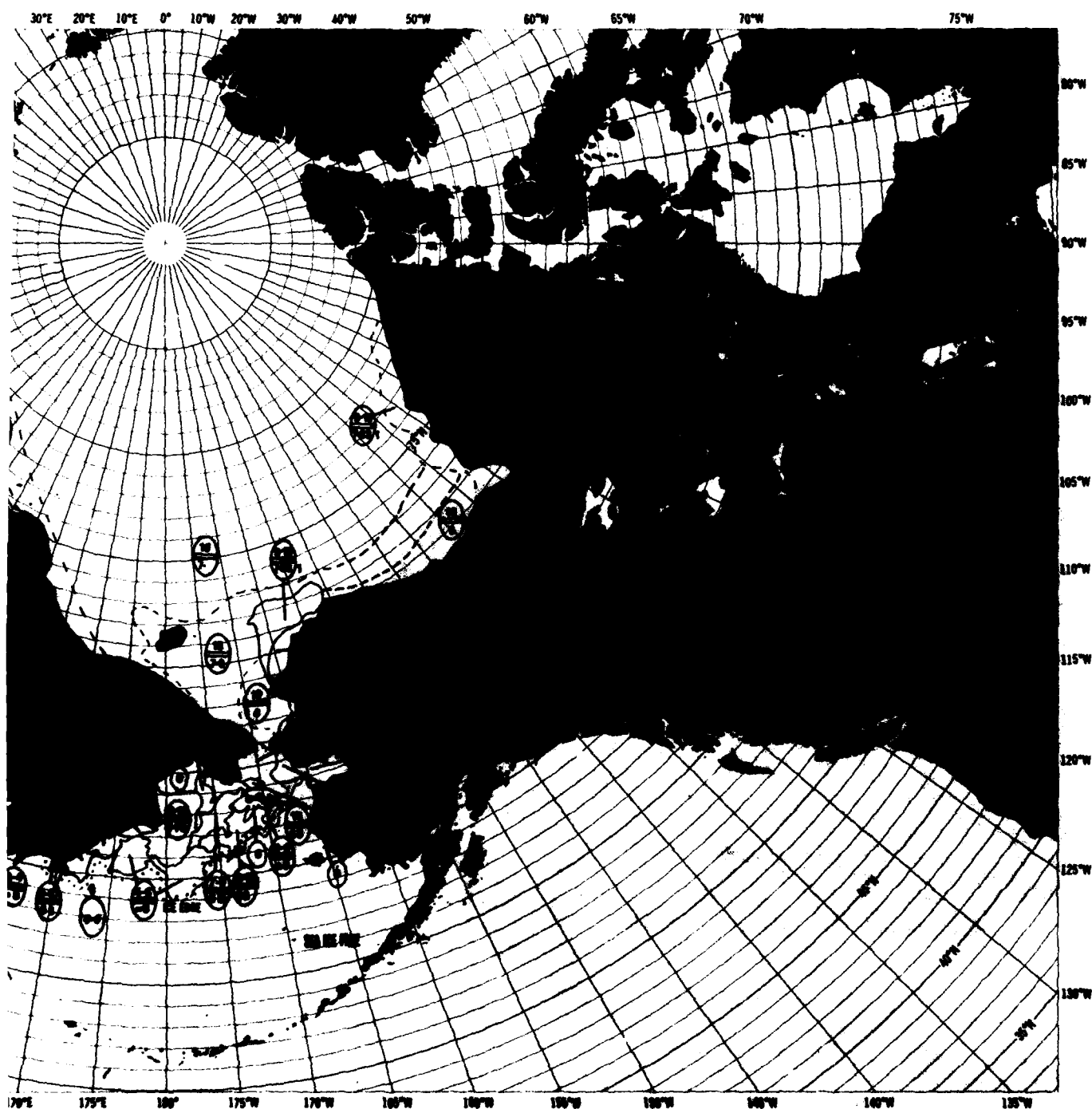


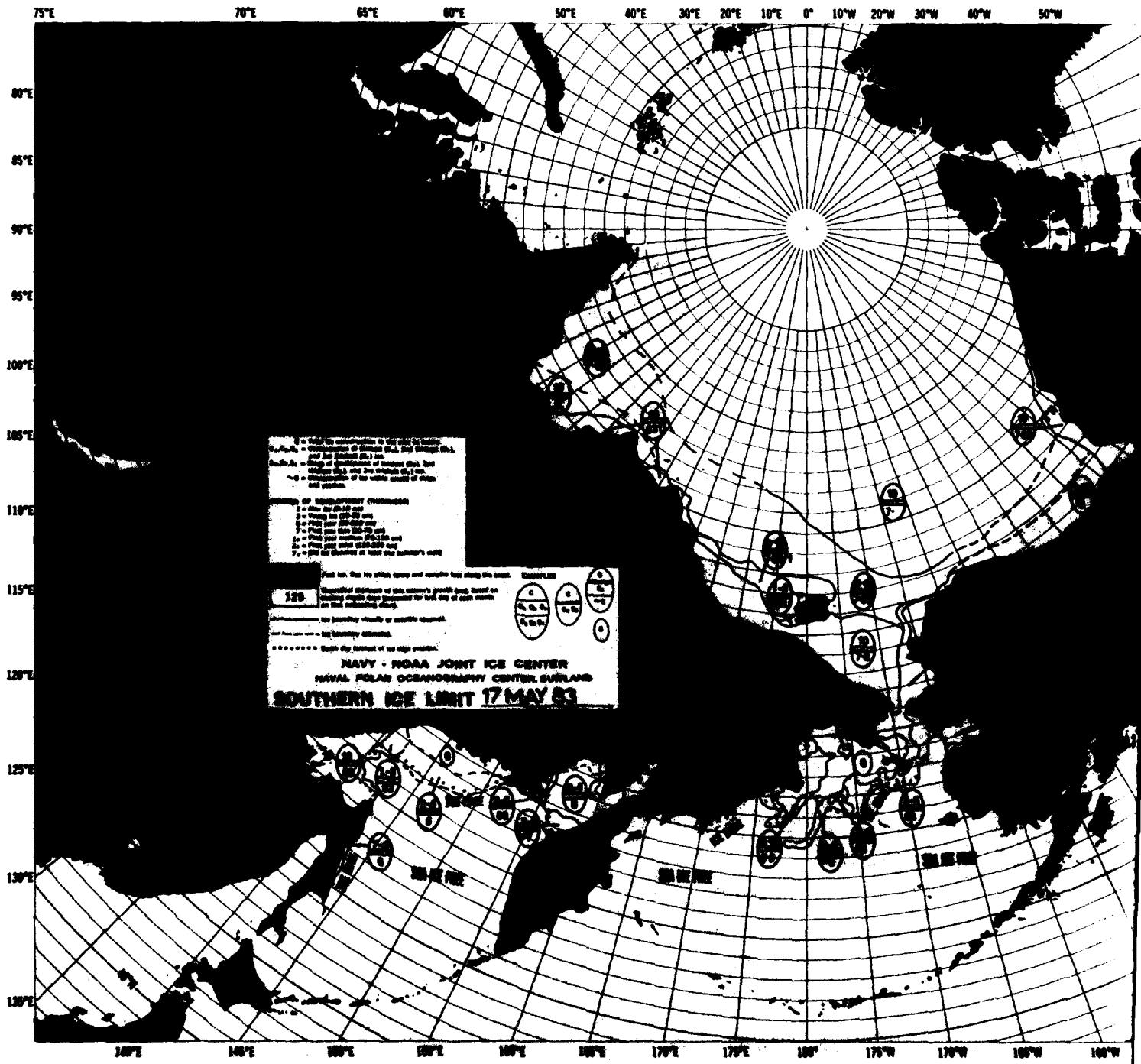


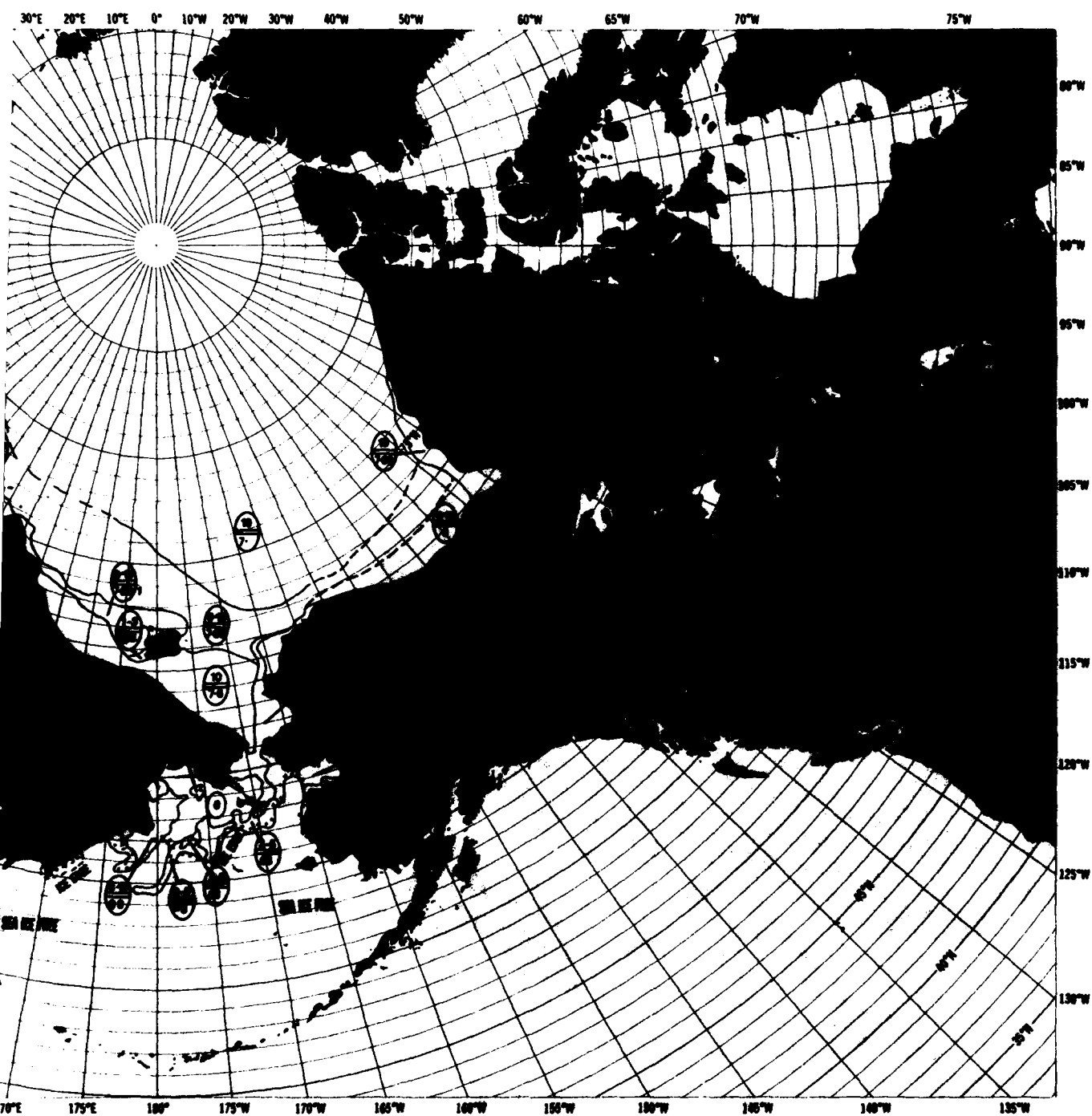


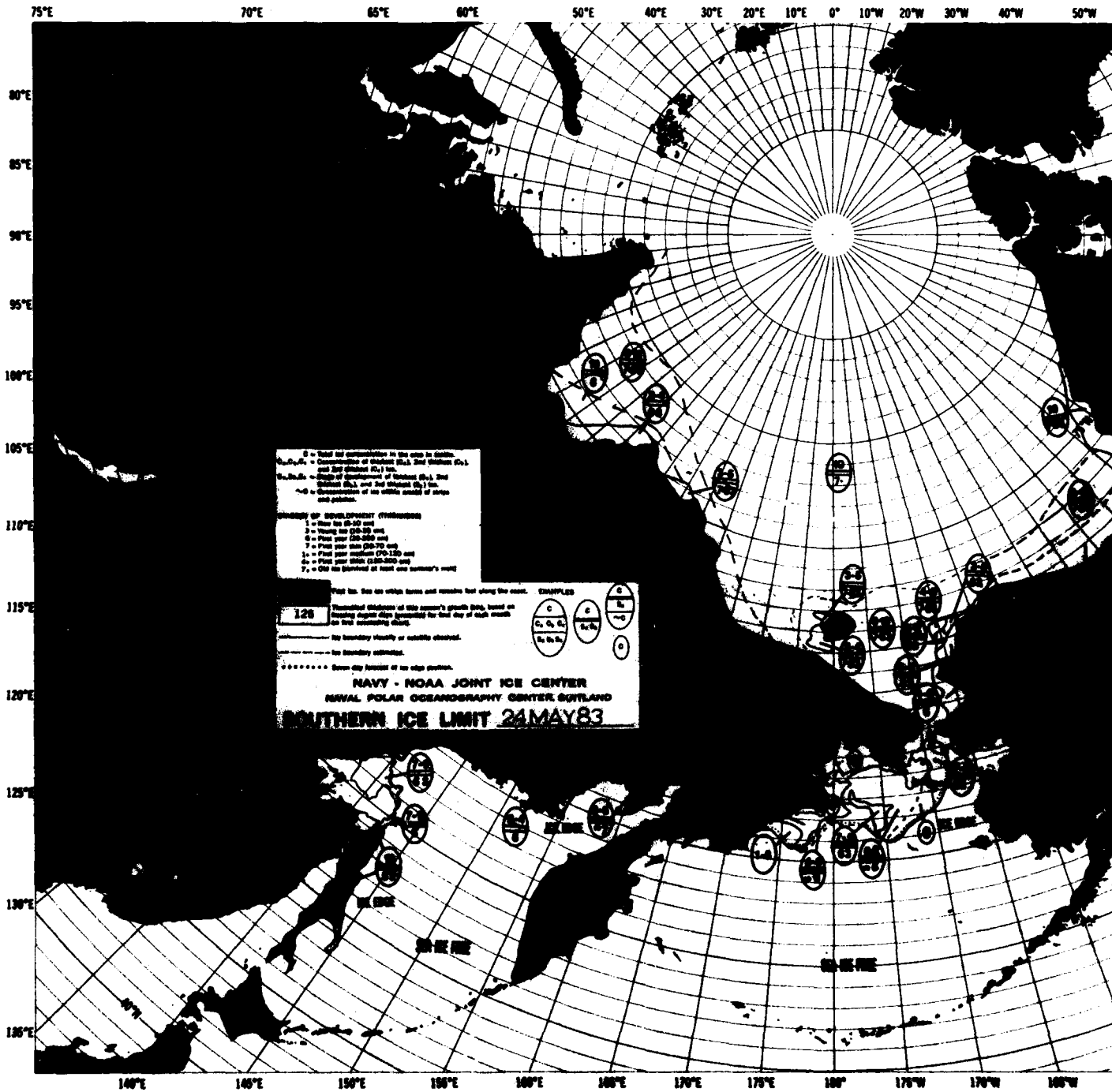


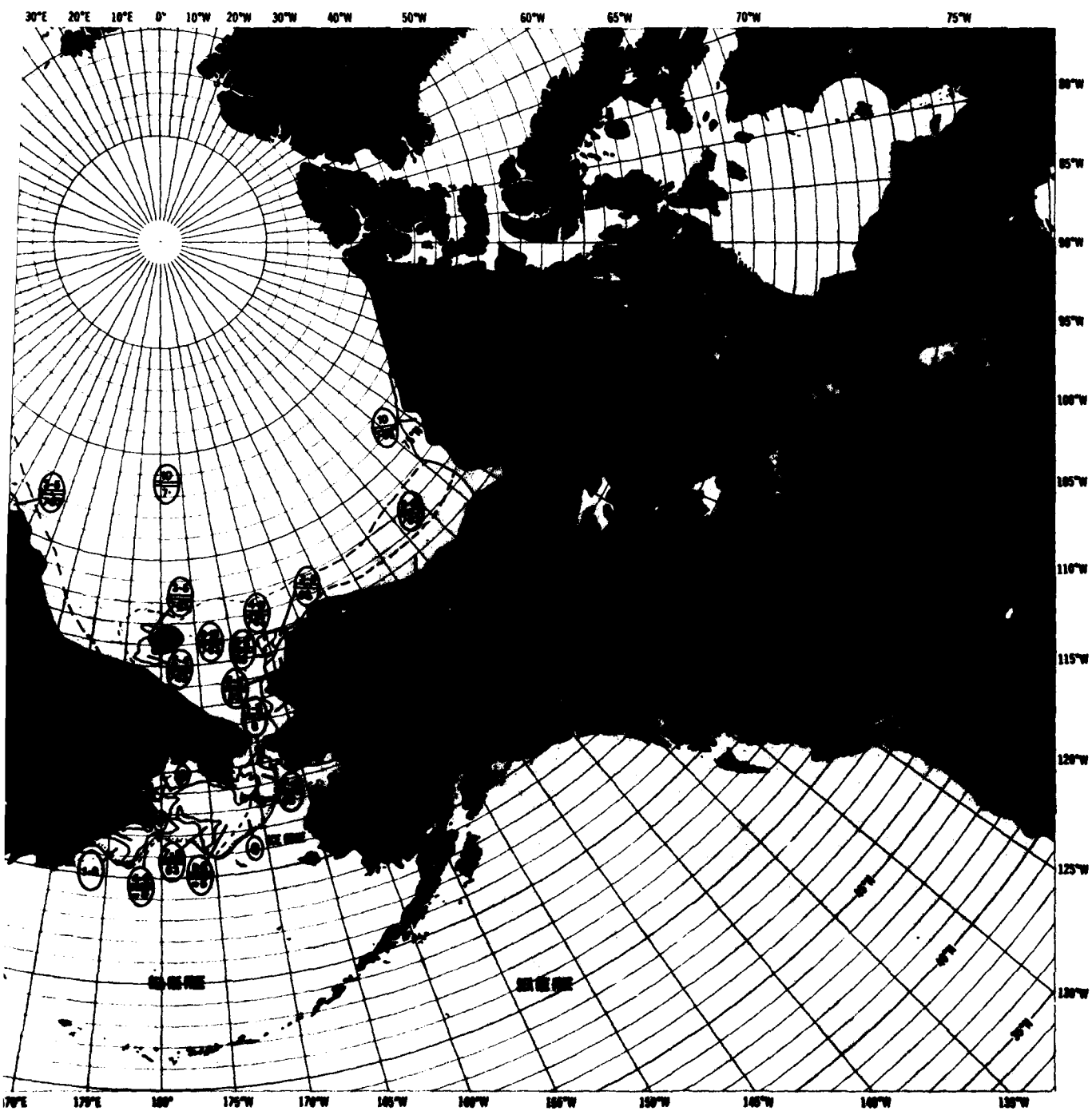


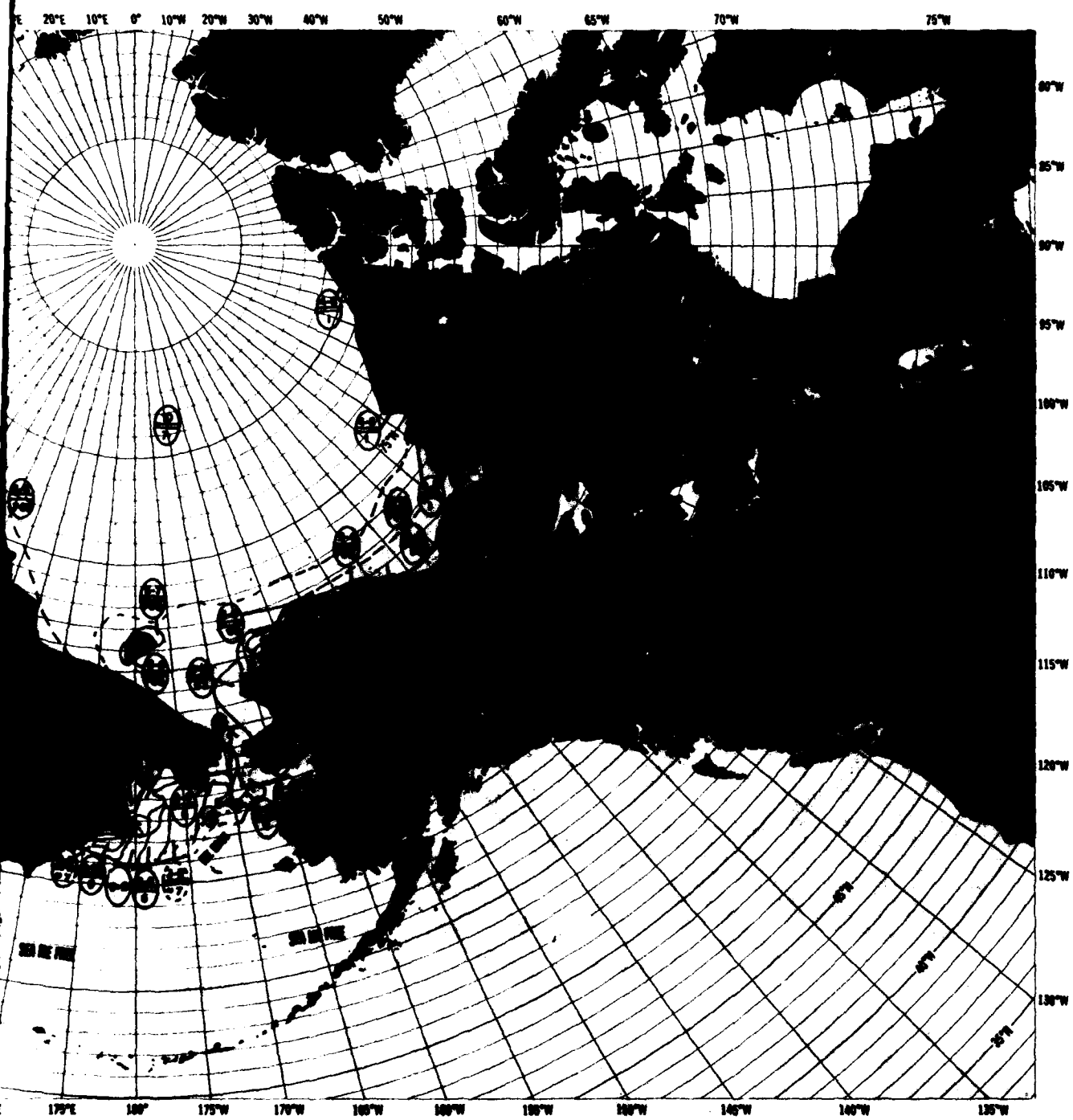




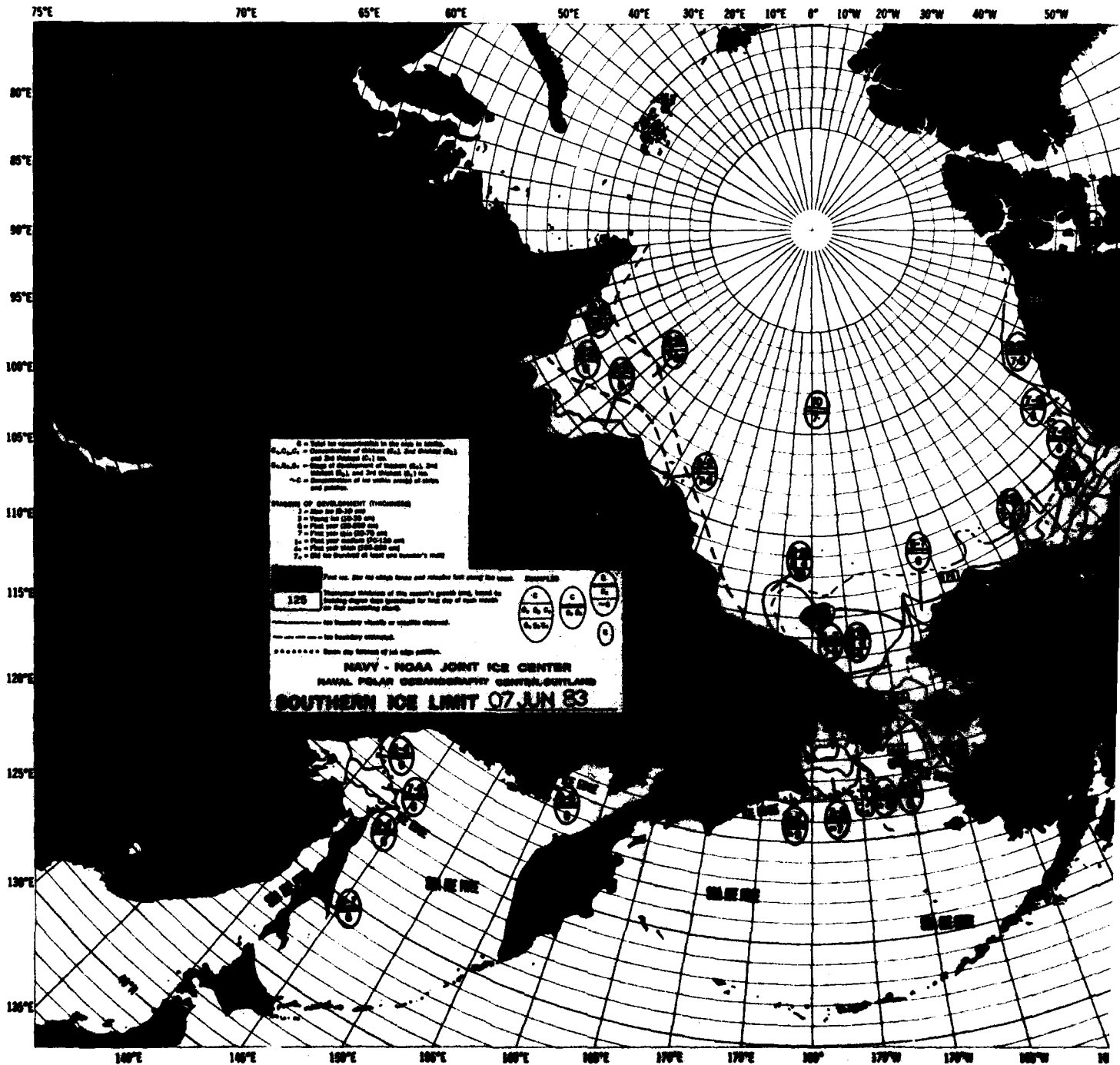


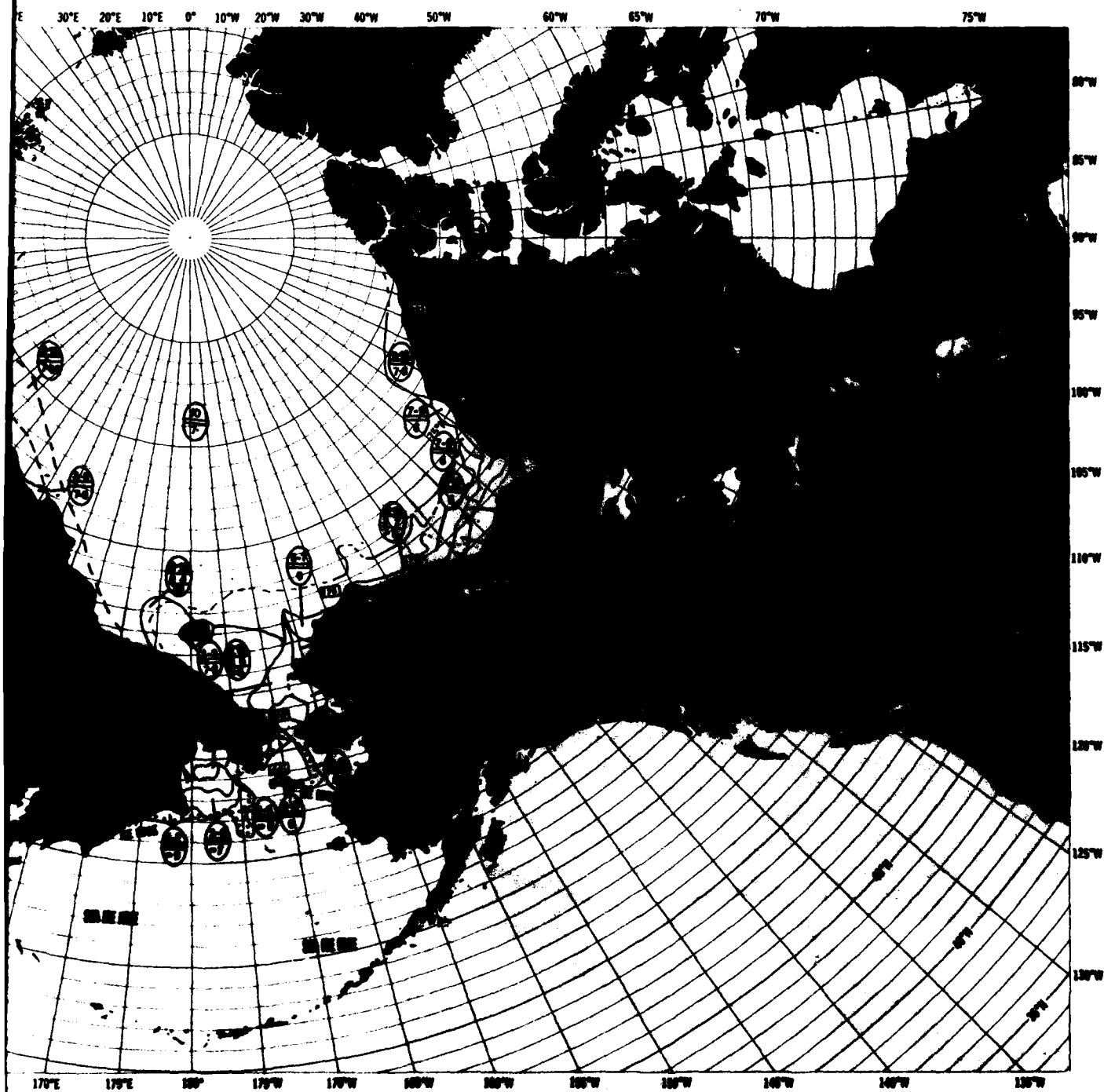


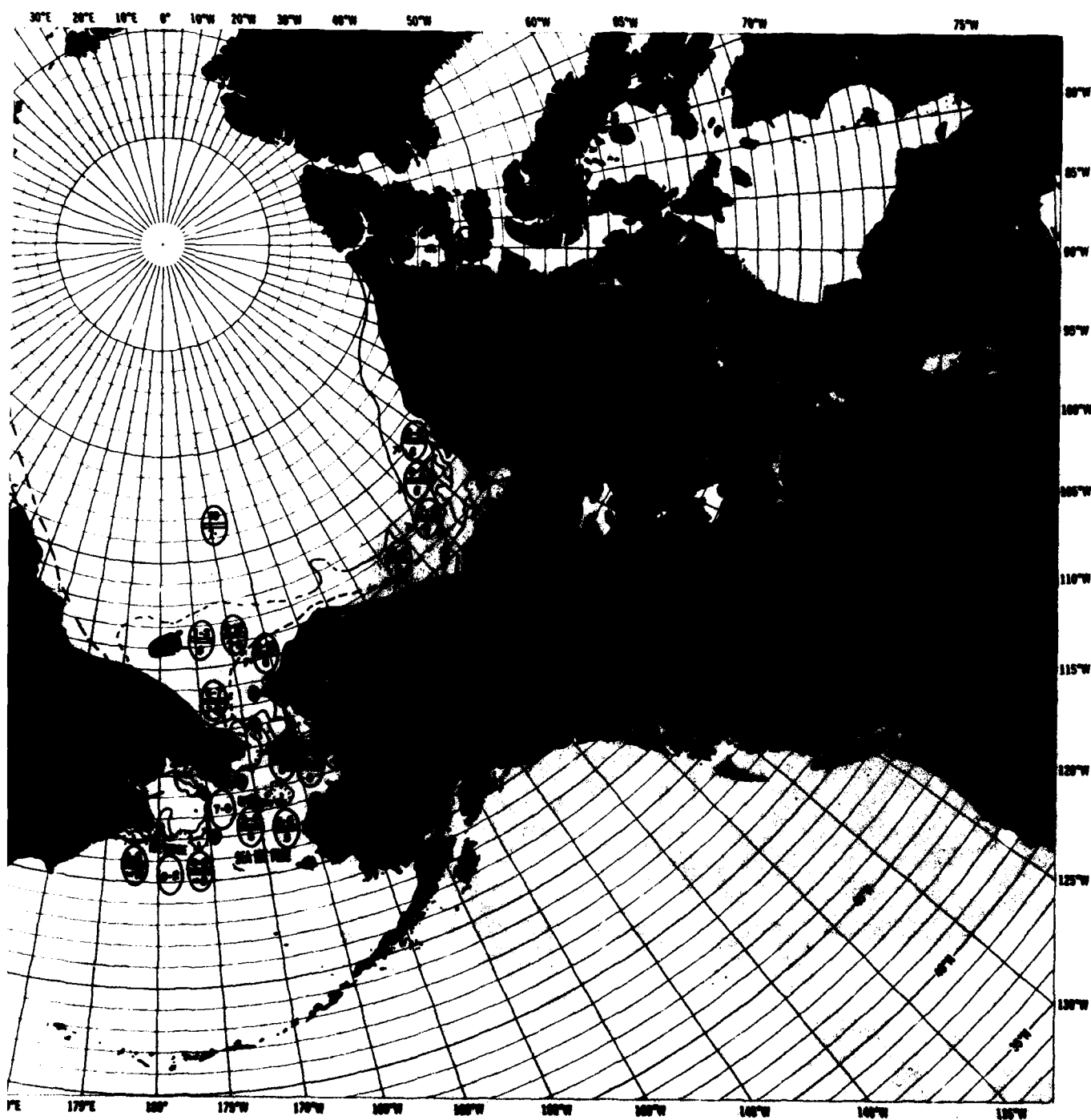


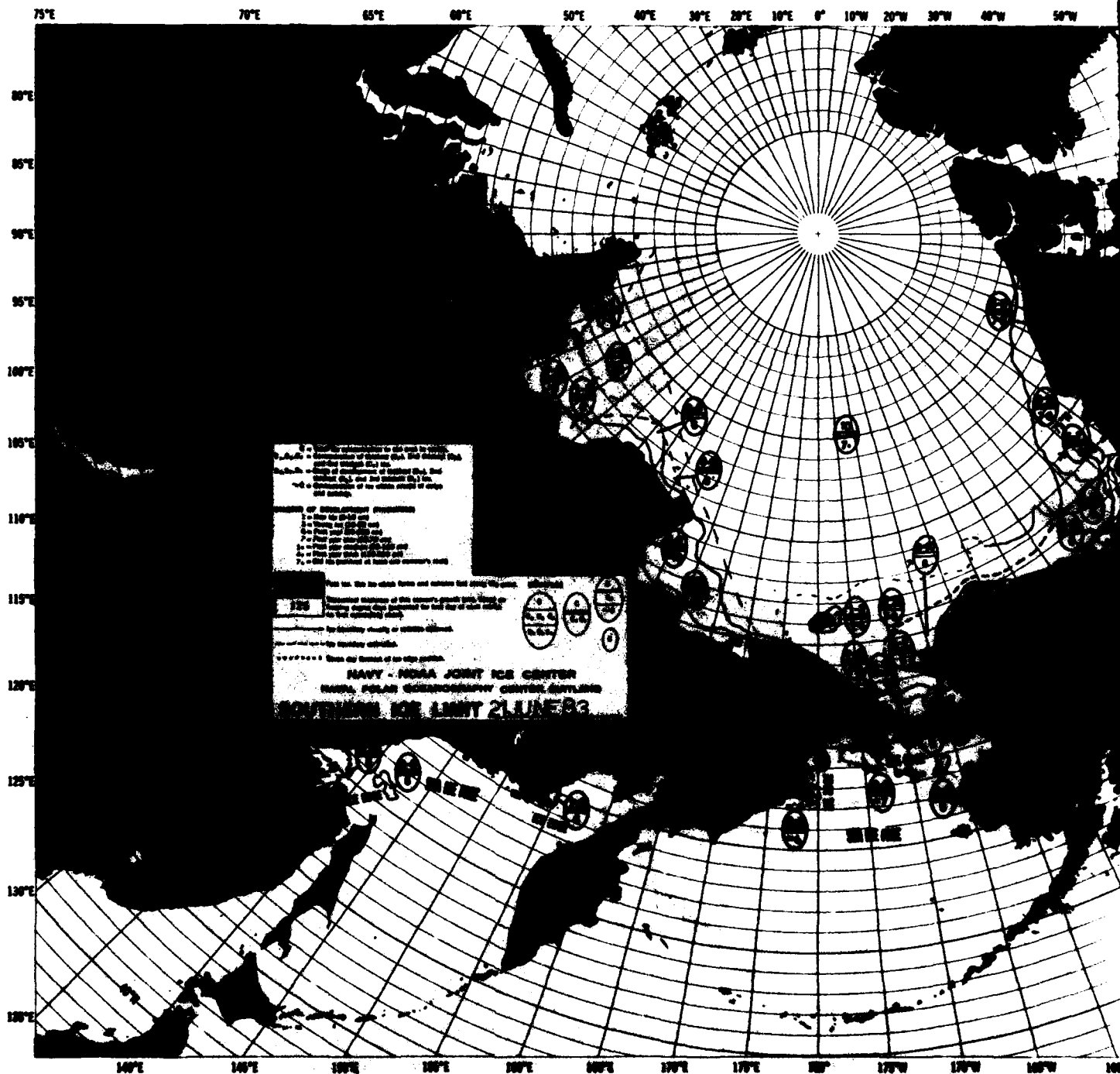


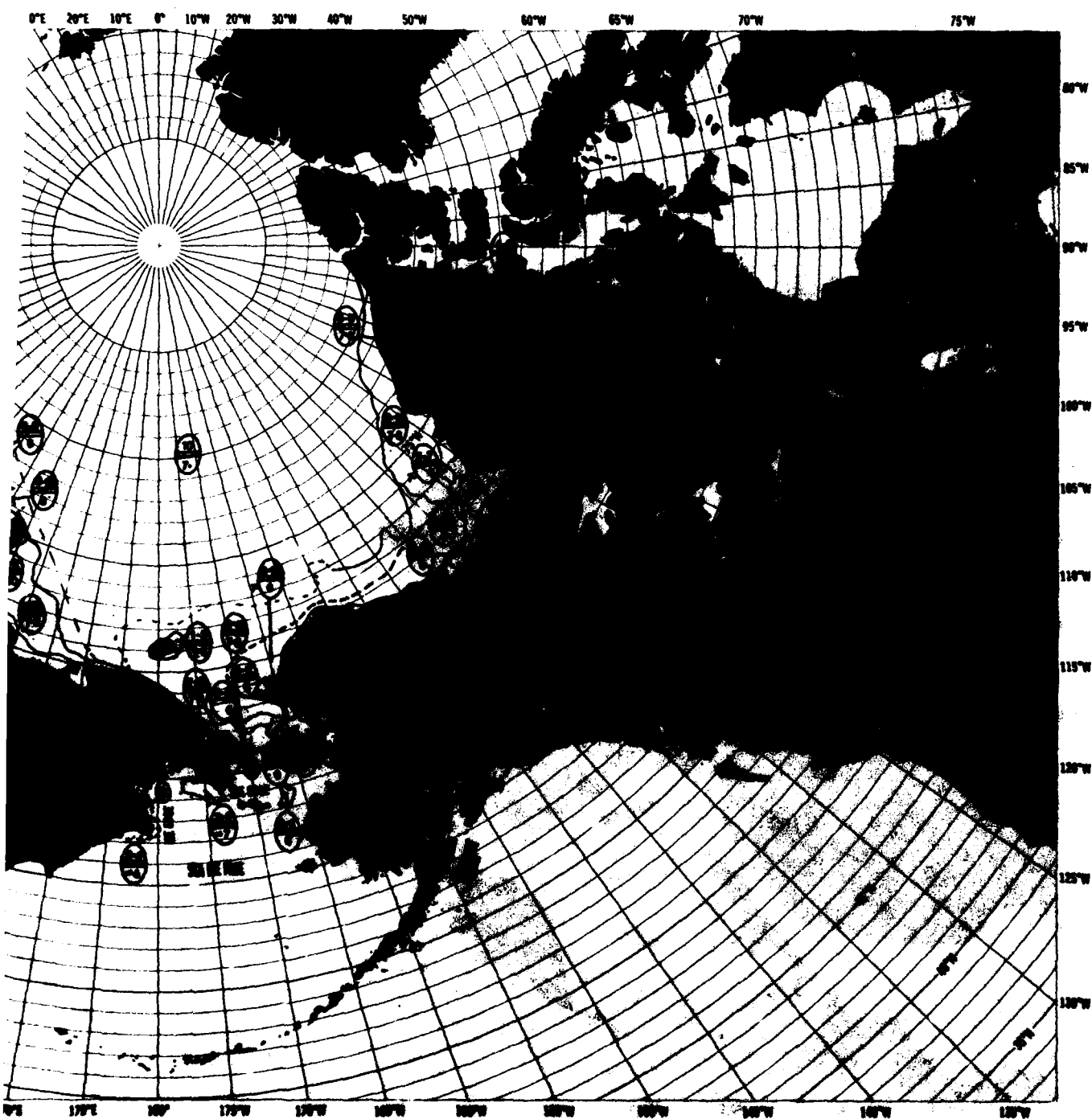
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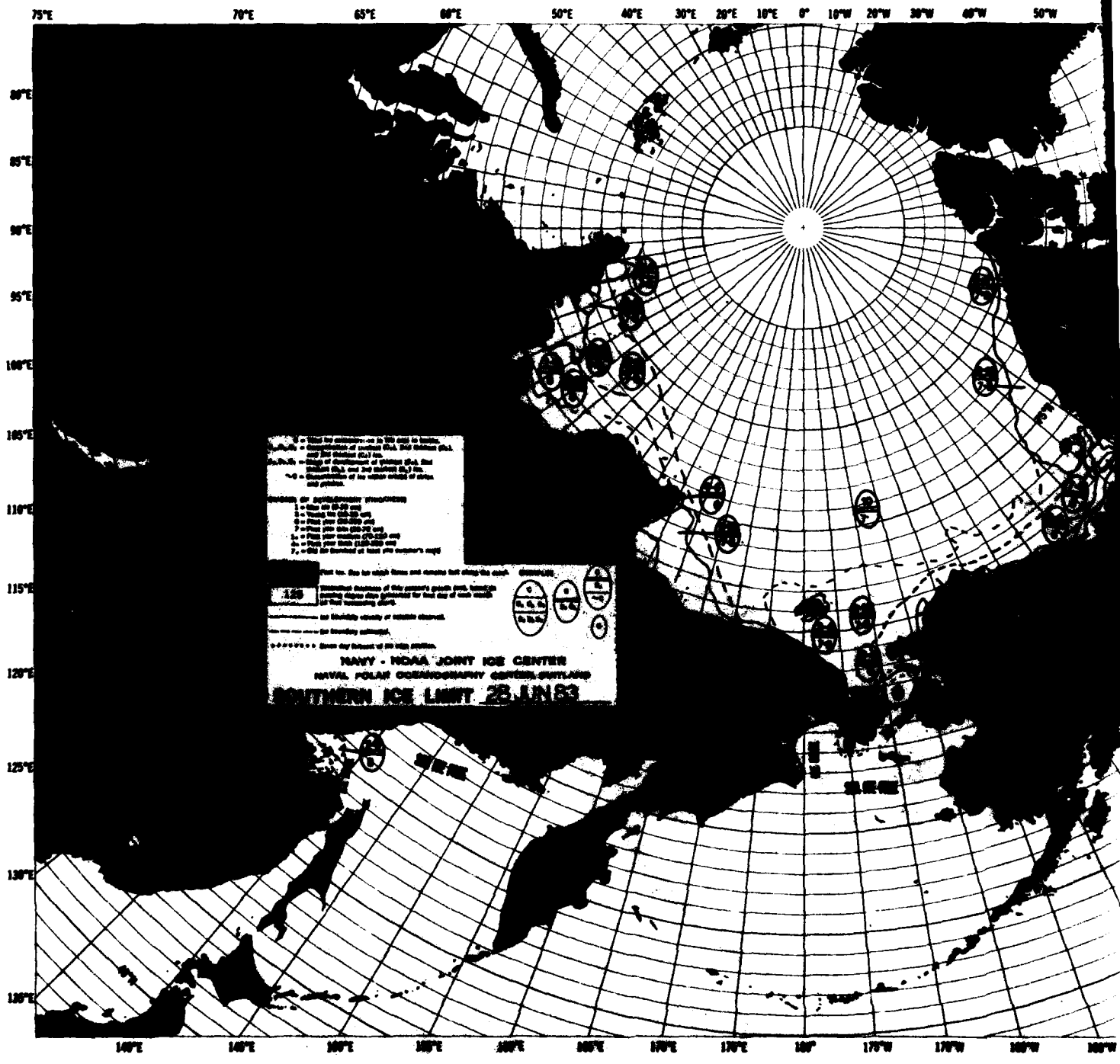


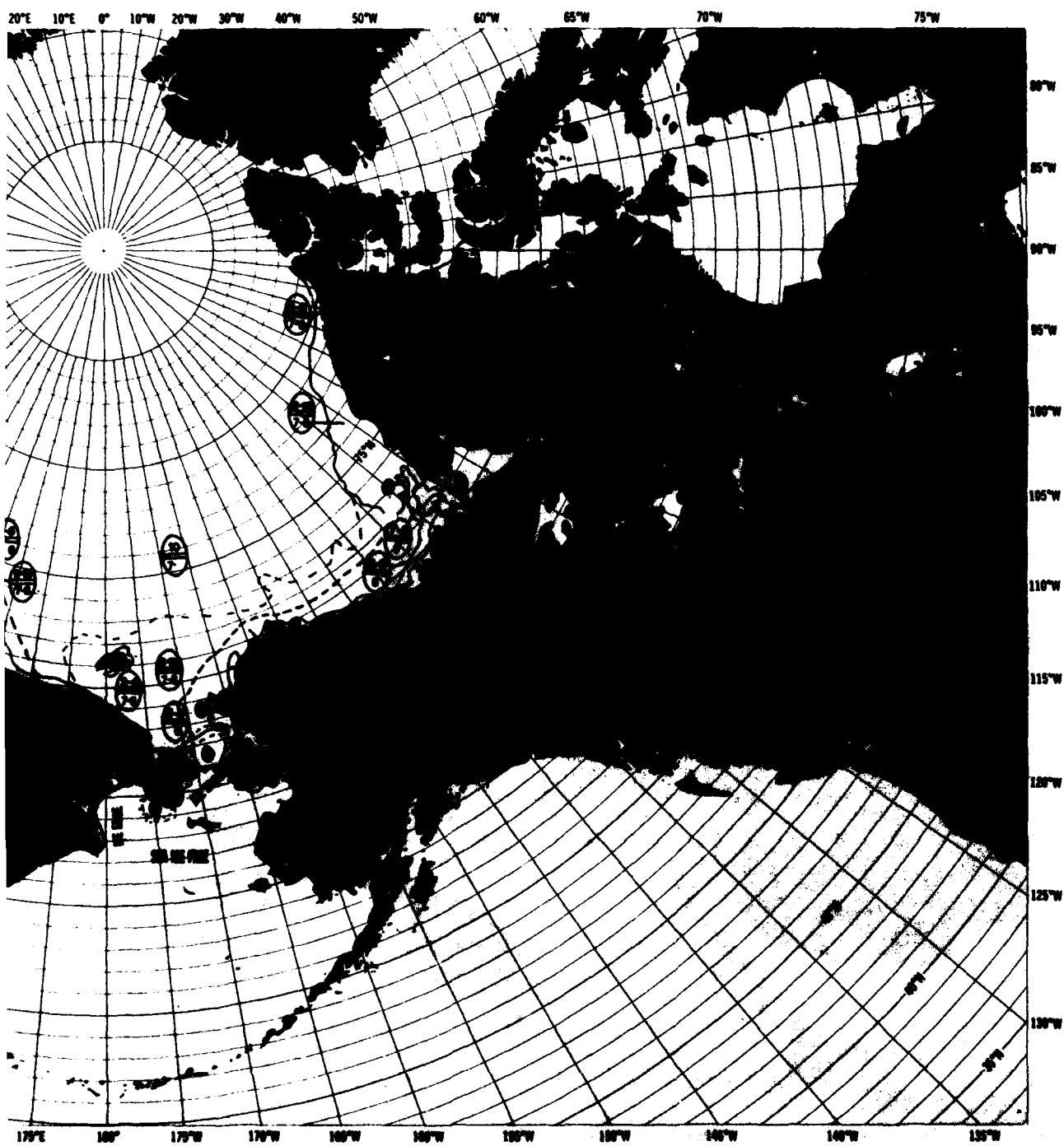


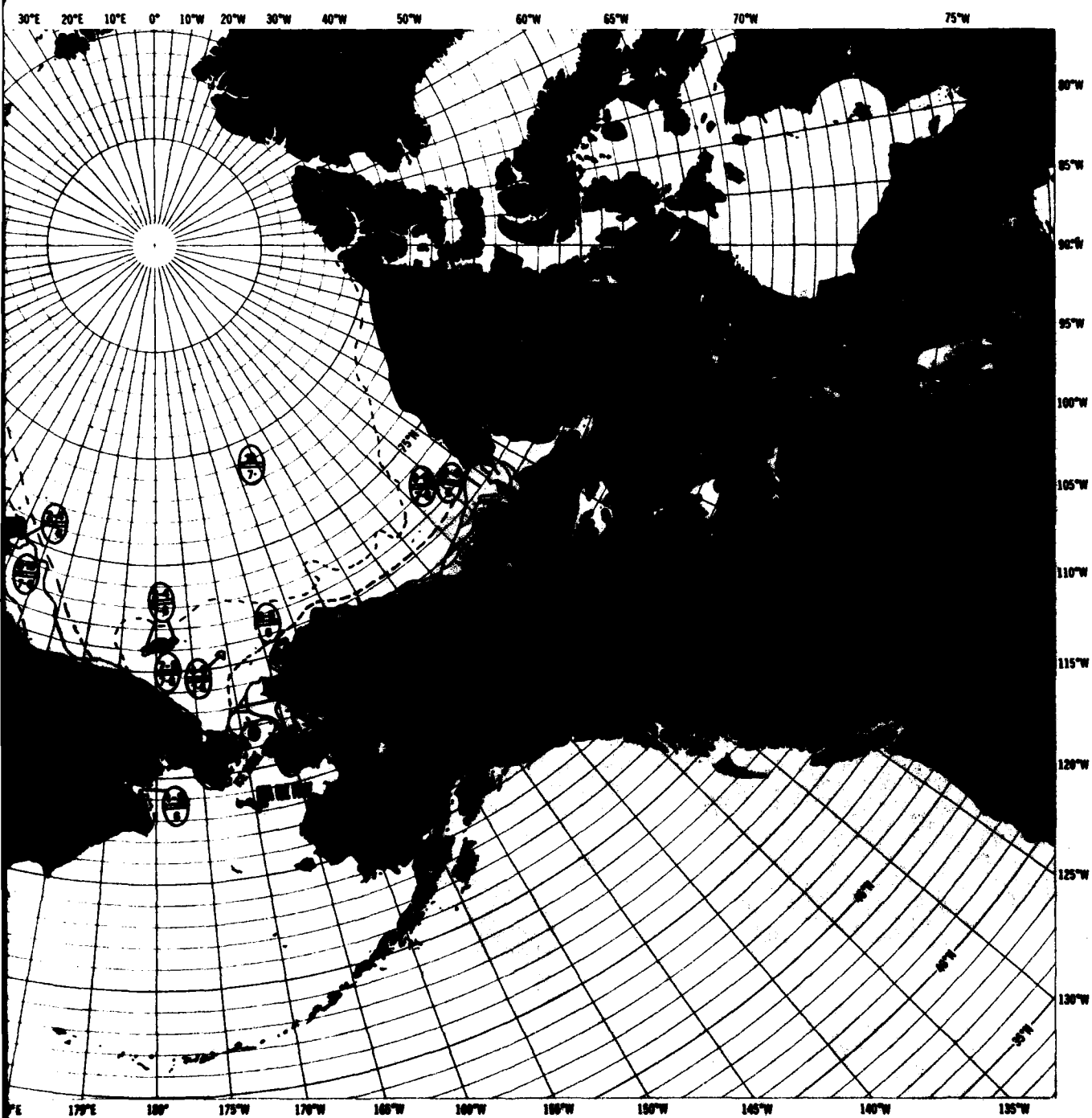


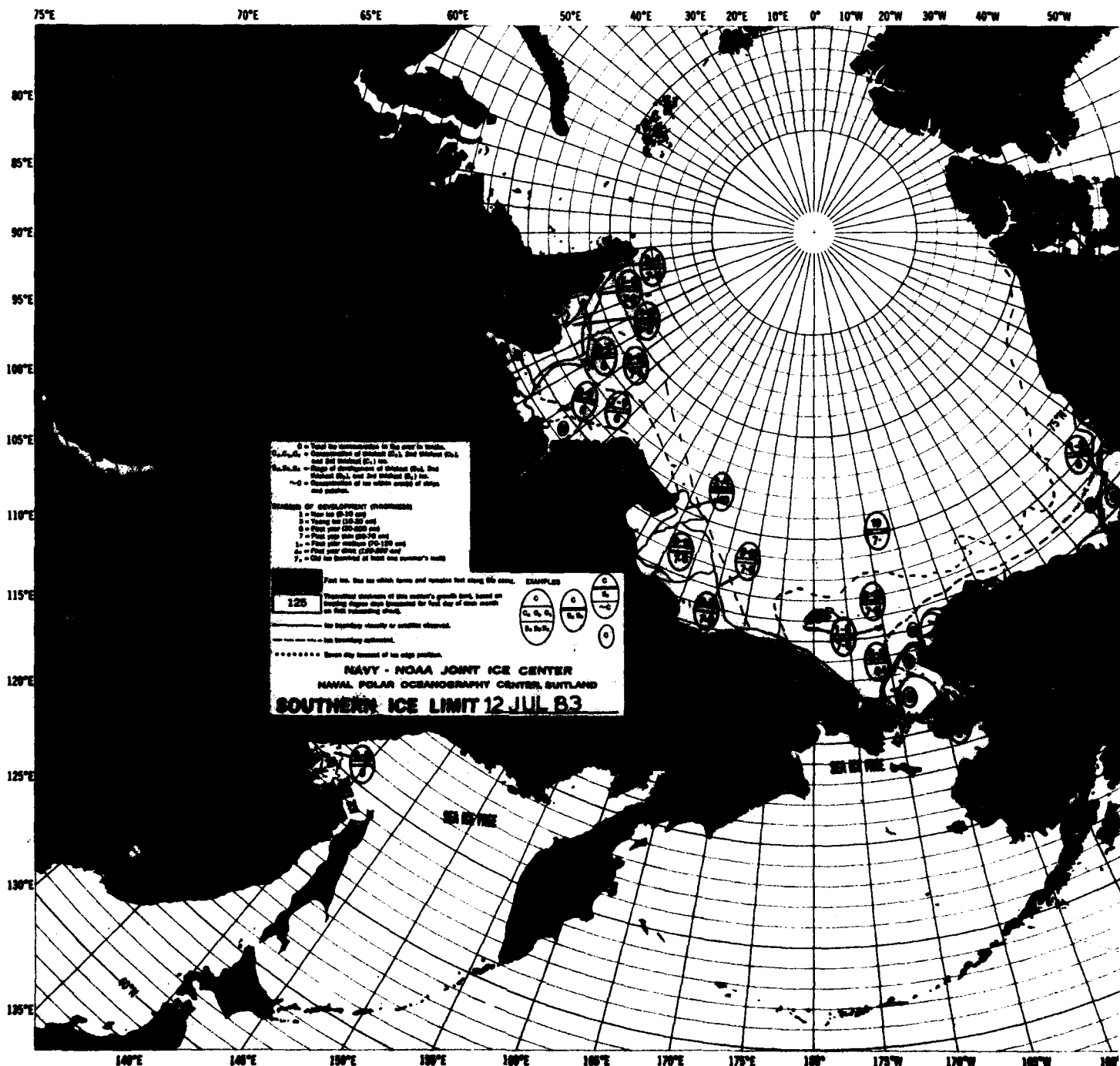


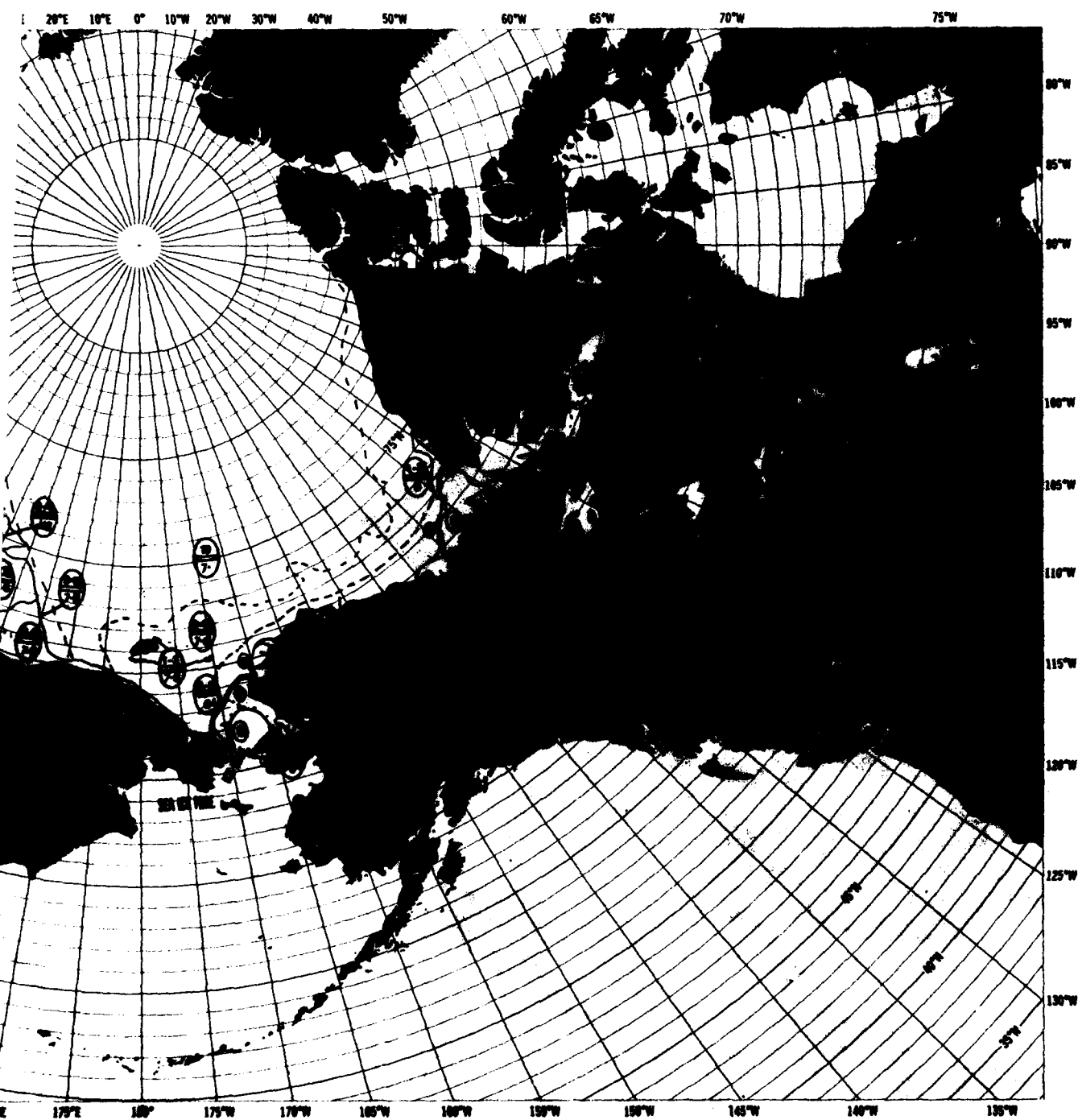


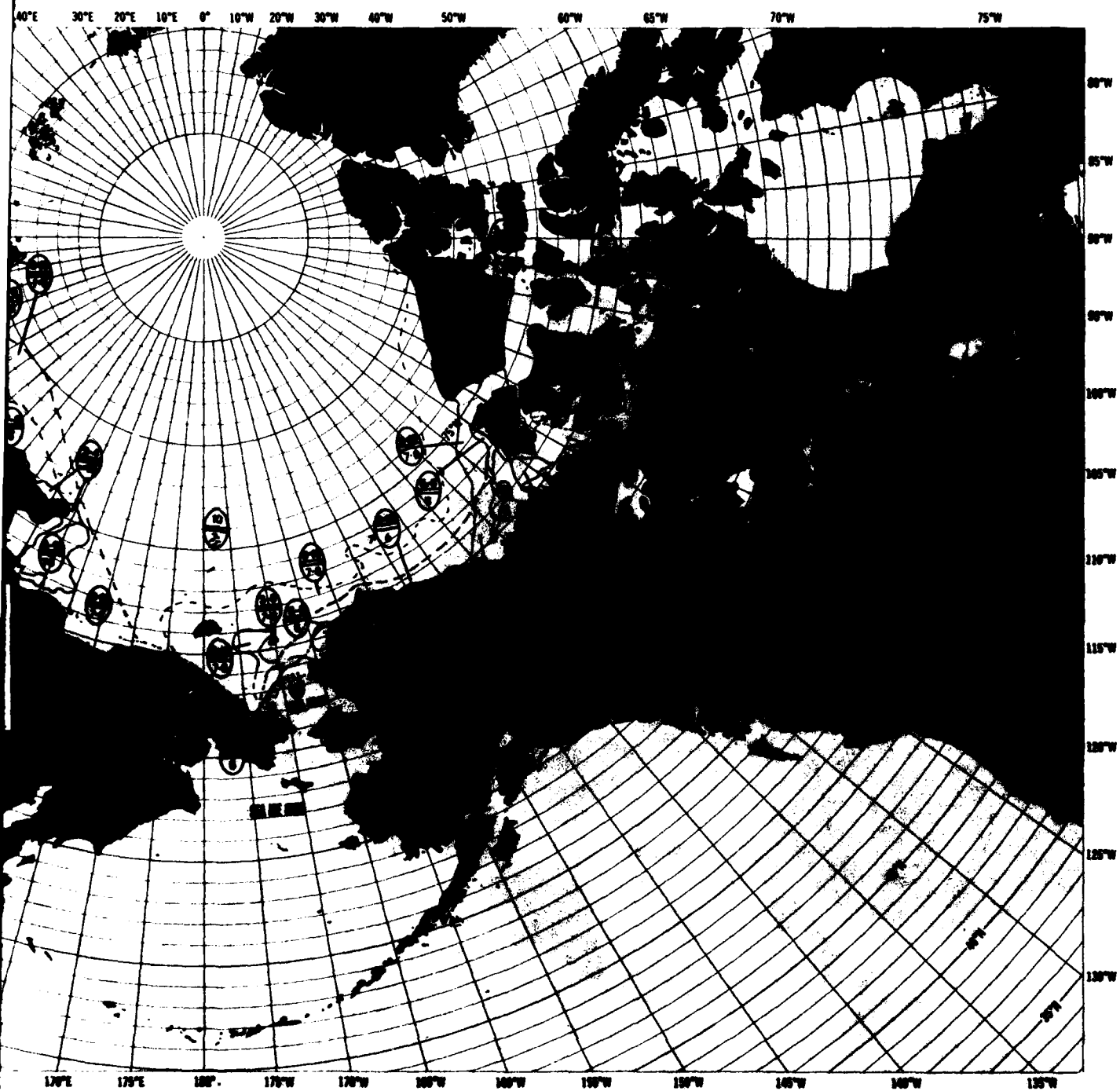


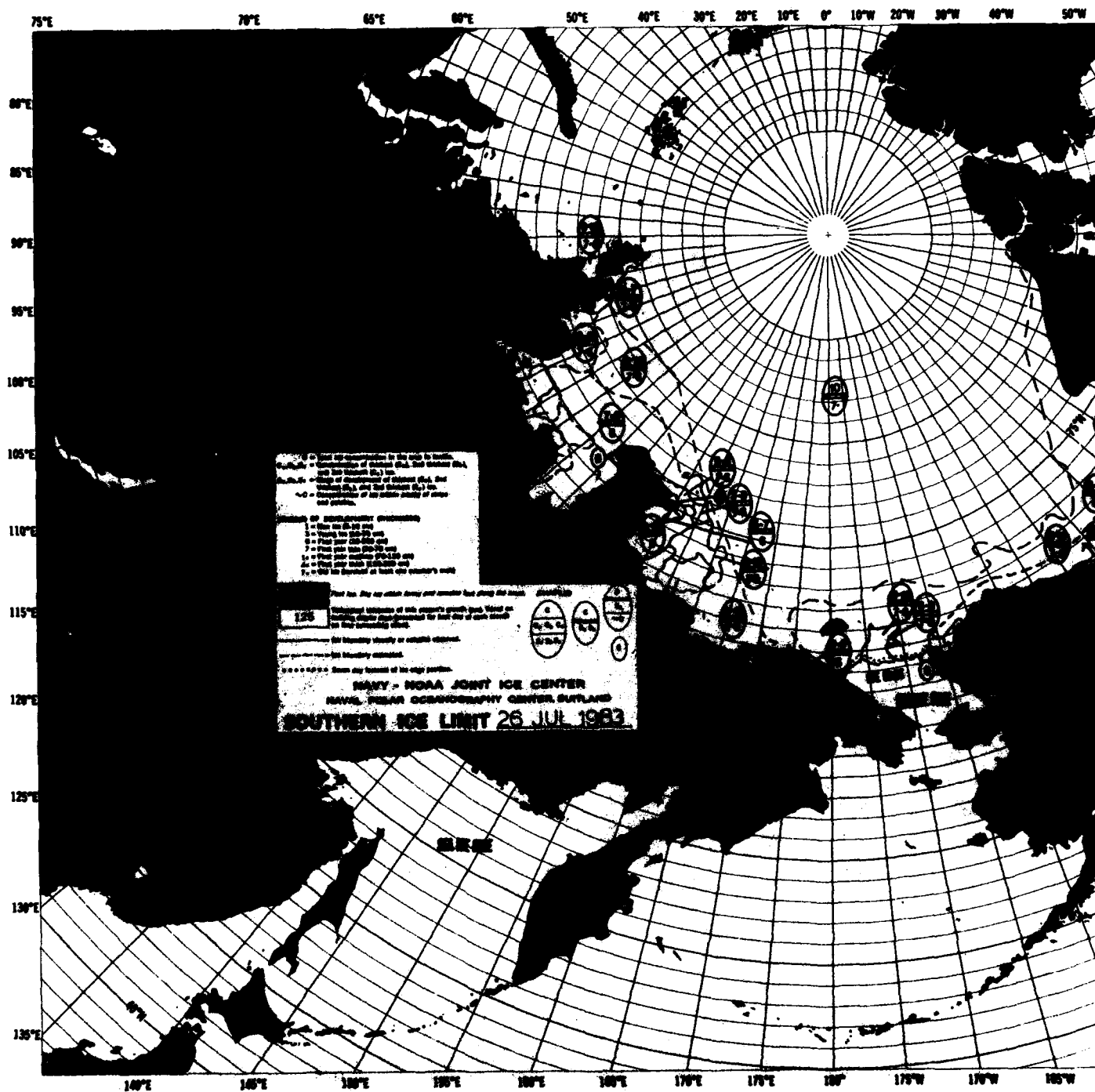


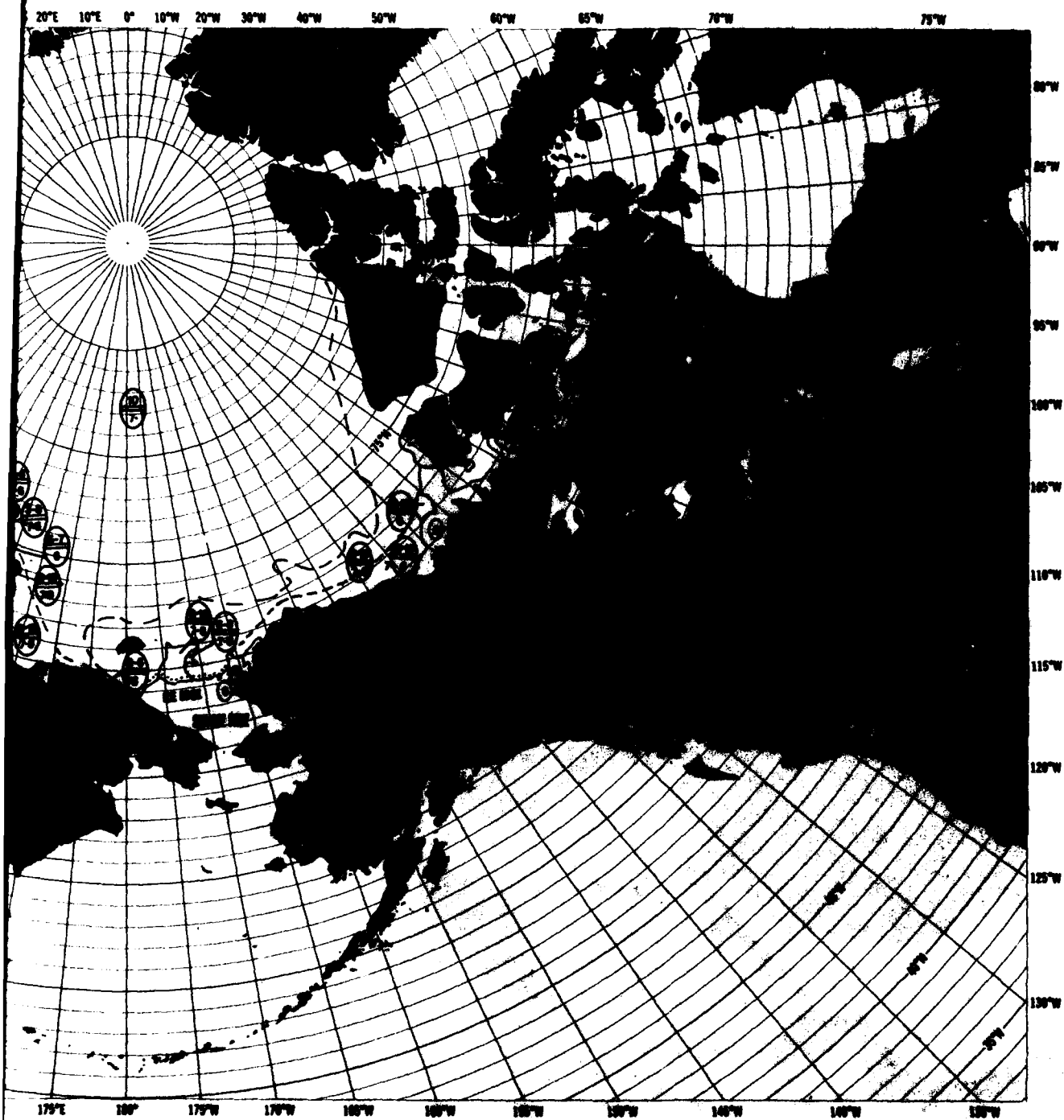


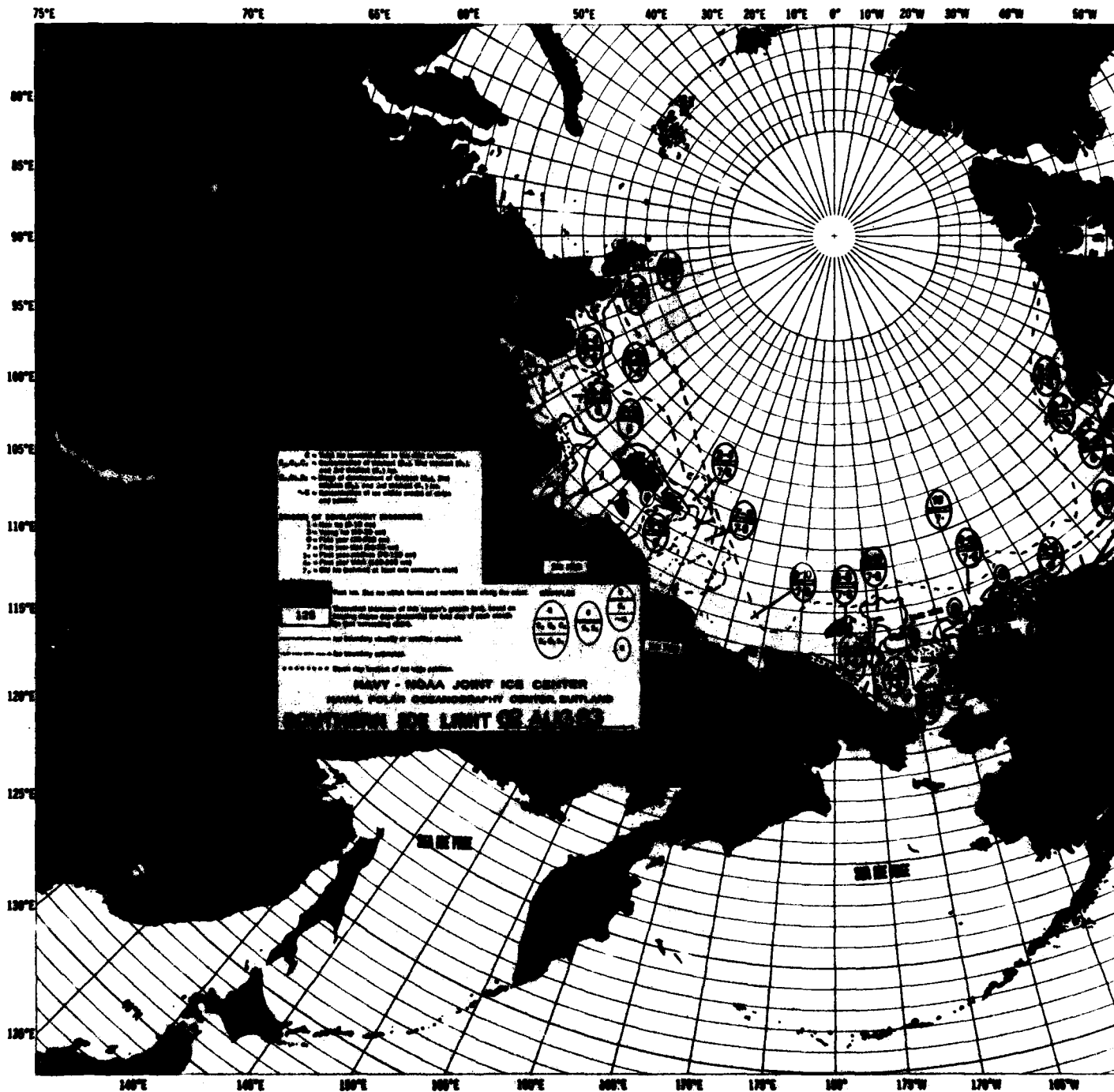


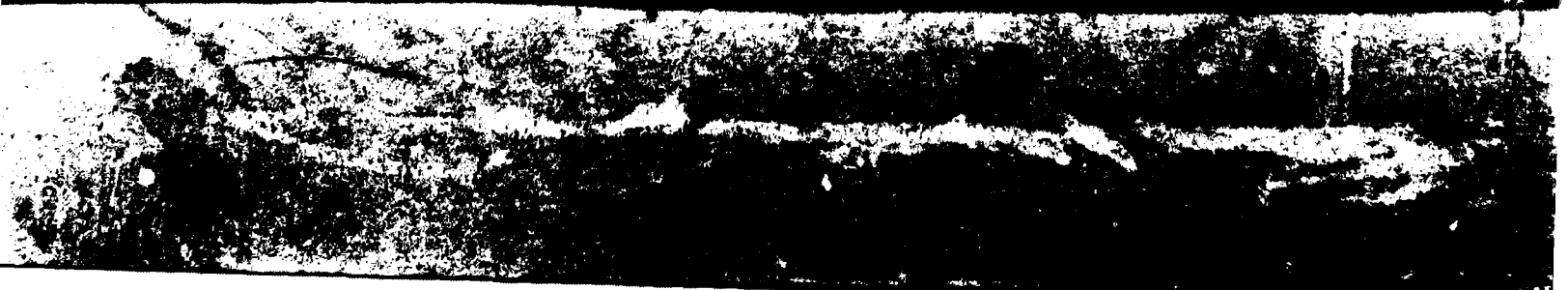
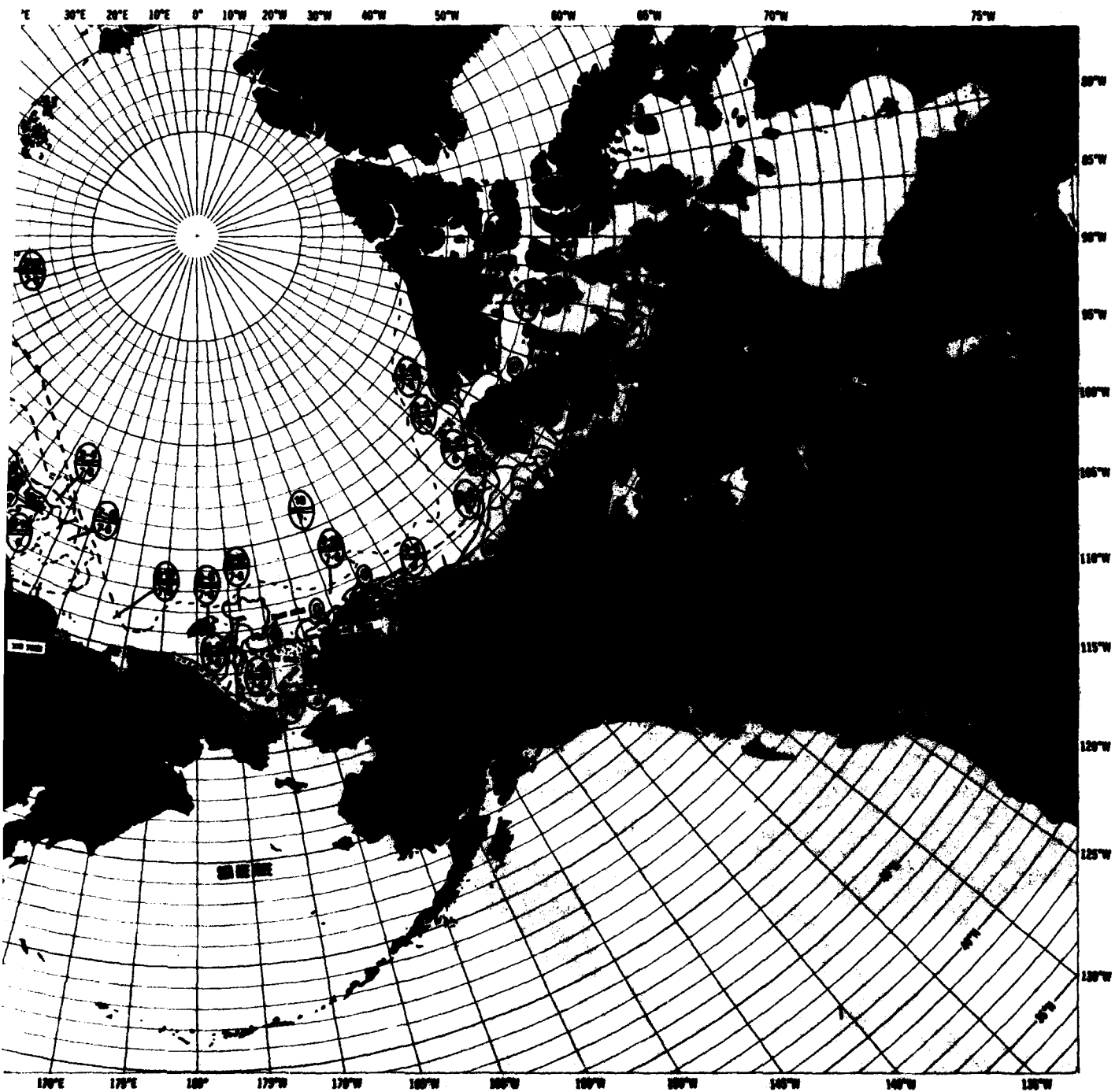


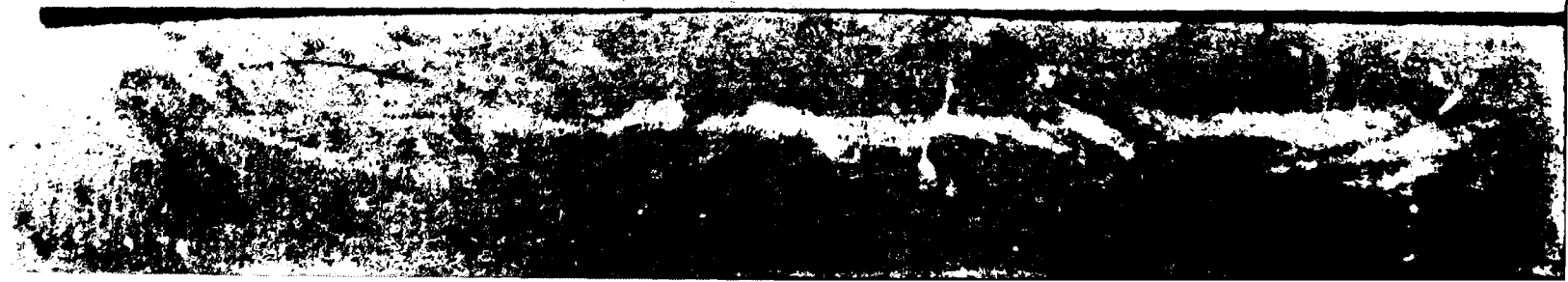
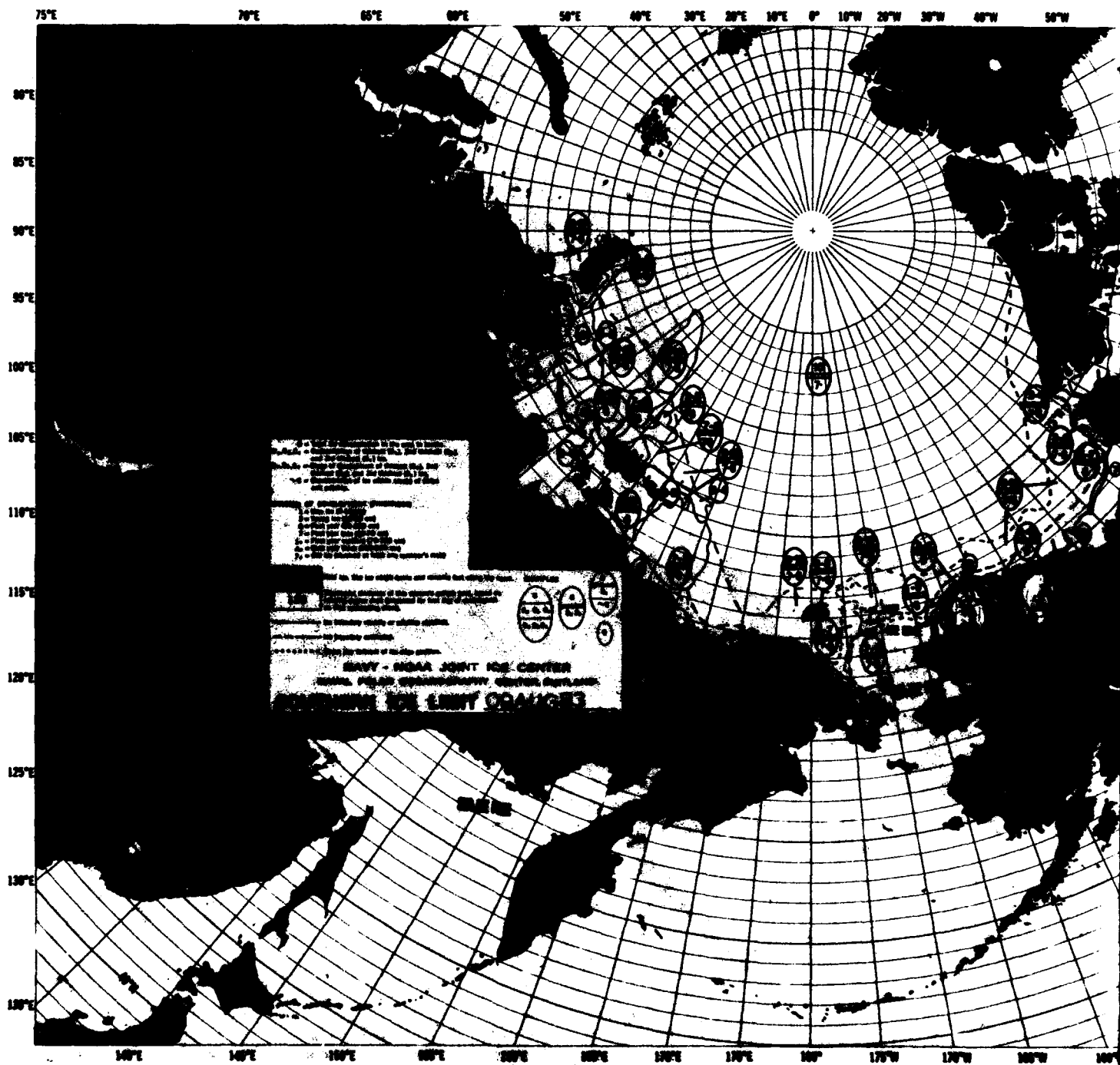










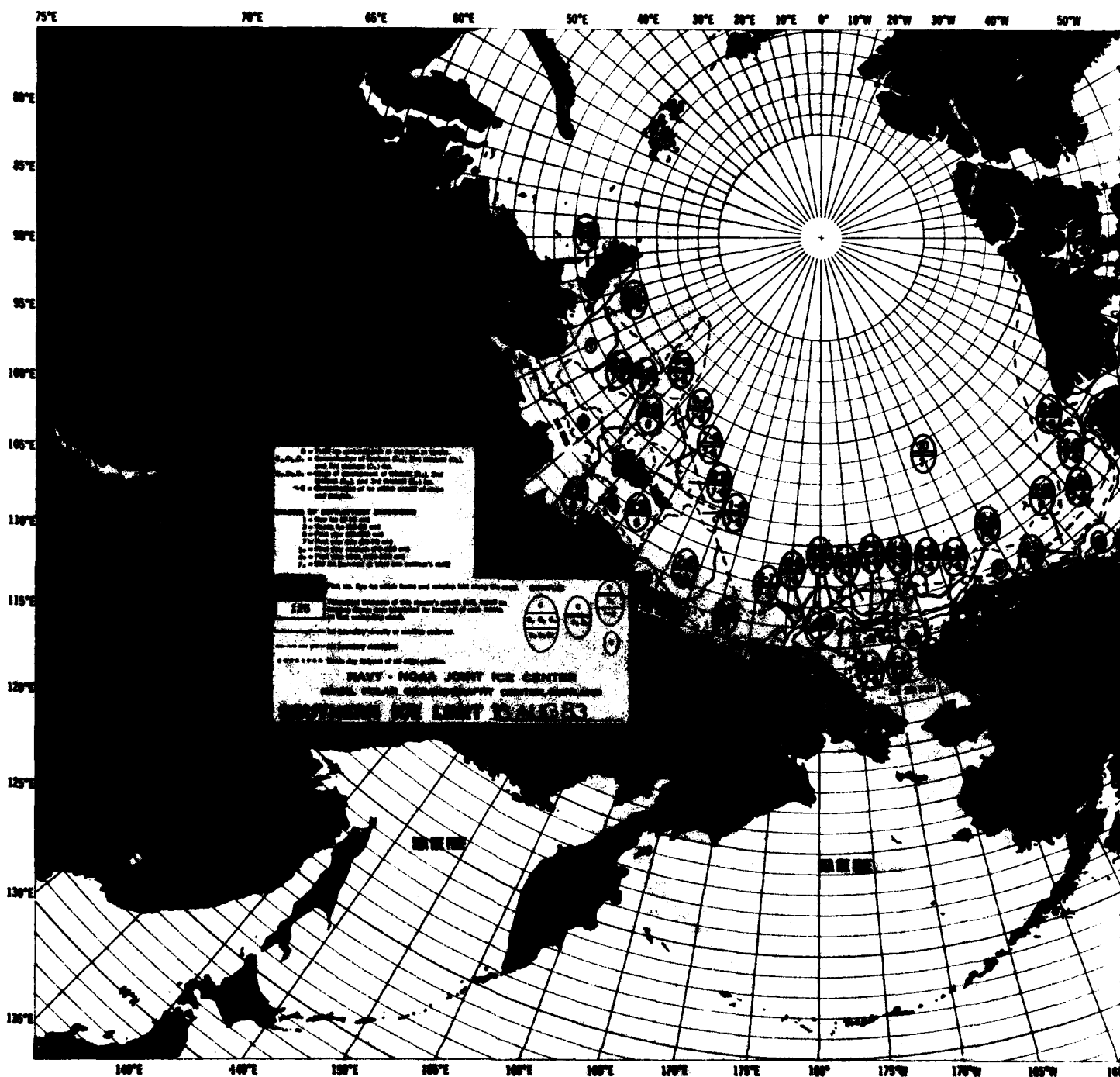


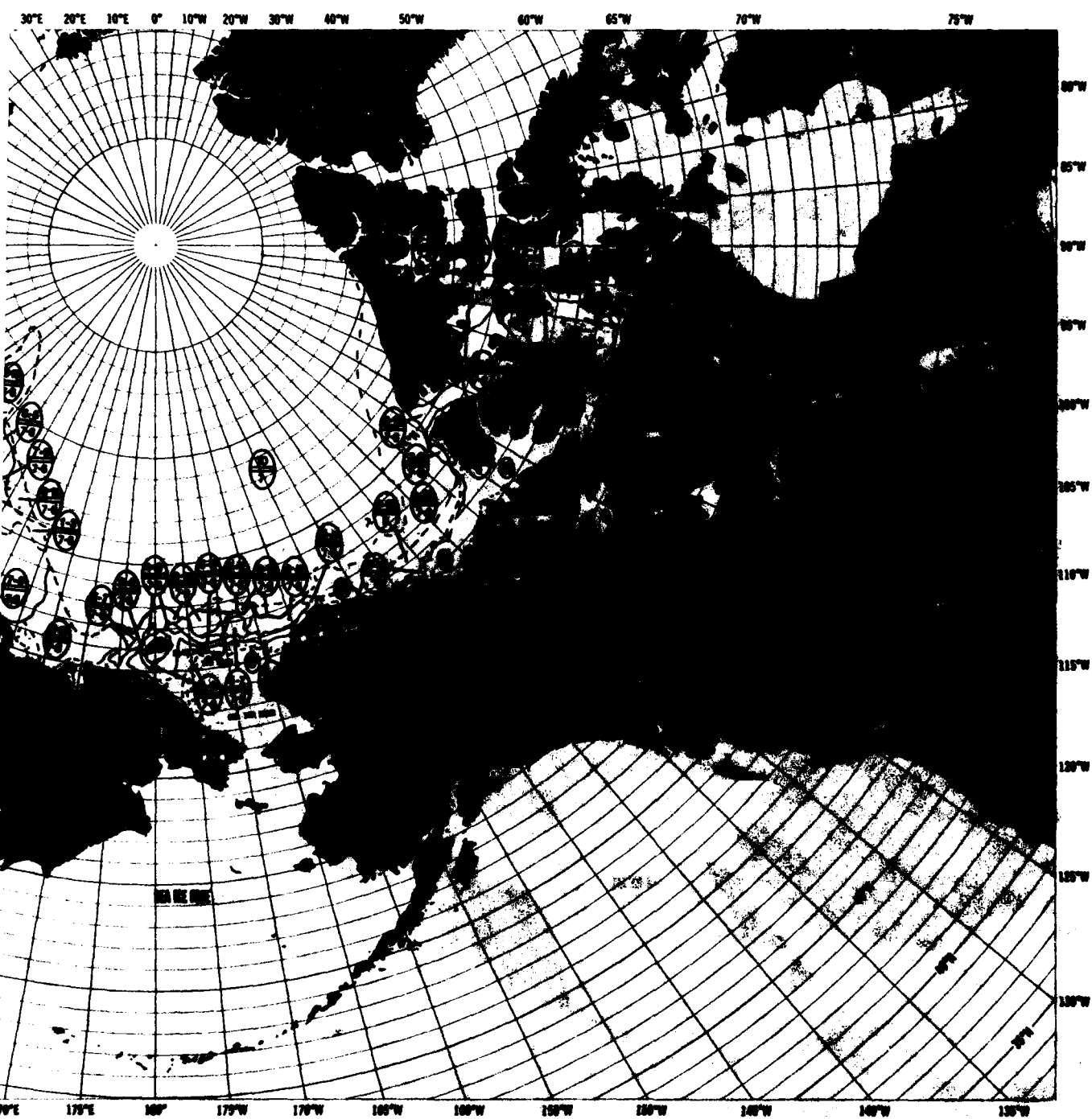
10°E 10°E 0° 10°W 20°W 30°W 40°W 50°W 60°W 65°W 70°W 75°W

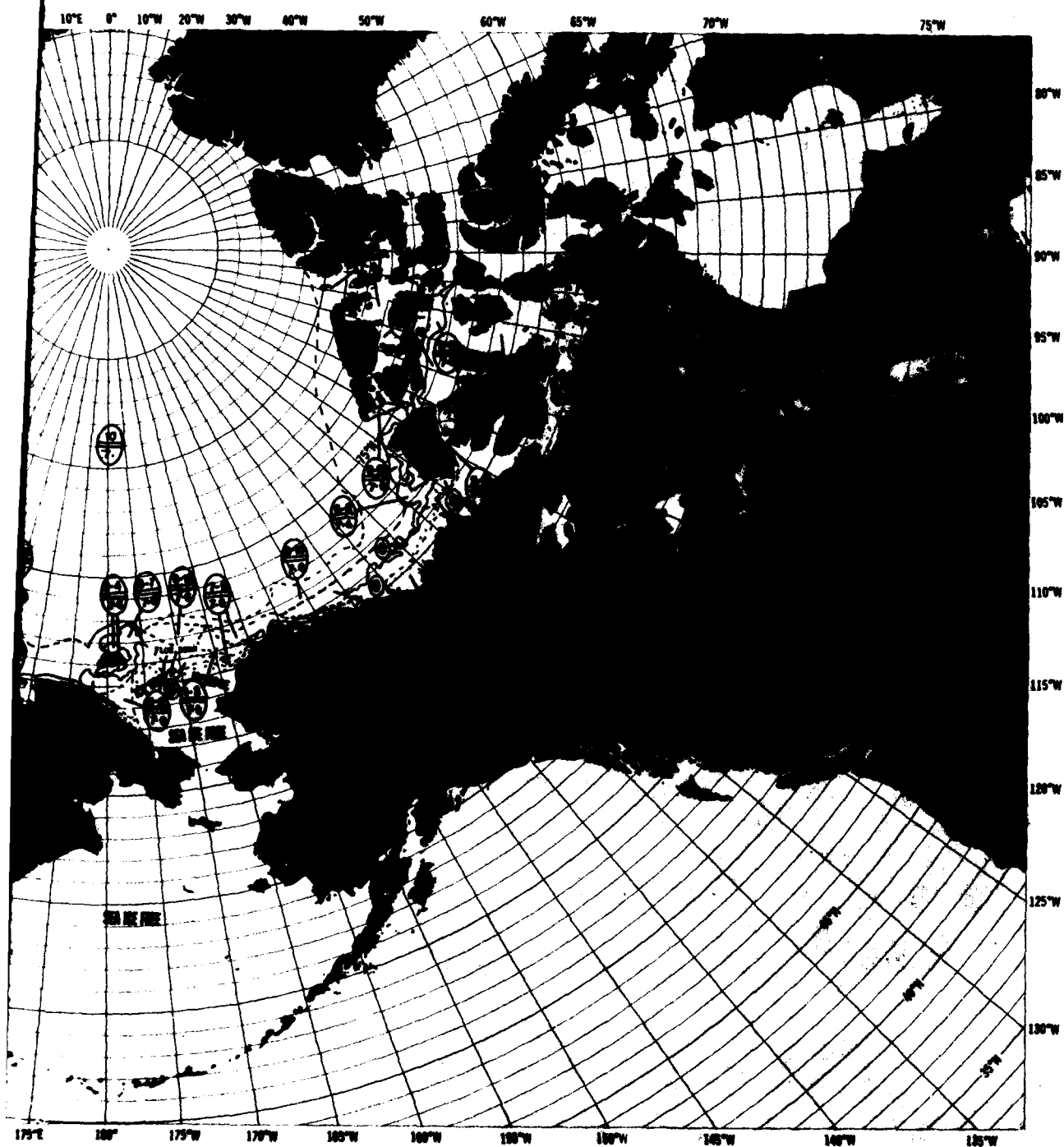


80°N
85°N
90°N
95°N
100°N
105°N
110°N
115°N
120°N
125°N
130°N

170°E 160°E 150°E 140°E 130°E 120°E 110°E 100°E 90°E 80°E 70°E 60°E 50°E 40°E 30°E 20°E 10°E 0° 10°W 20°W 30°W 40°W 50°W 60°W 70°W 80°W 90°W 100°W 110°W 120°W 130°W 140°W 150°W 160°W 170°W





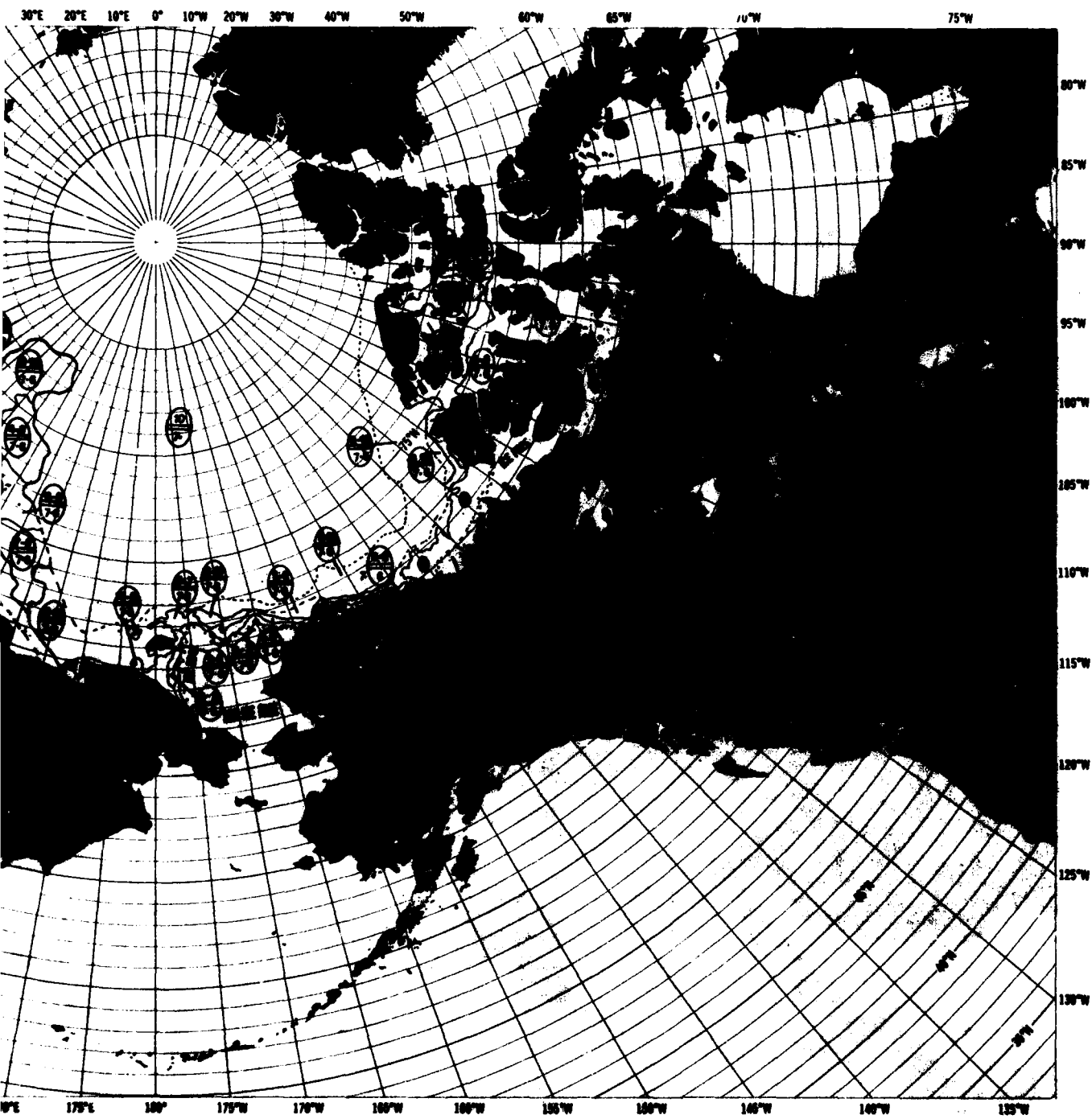


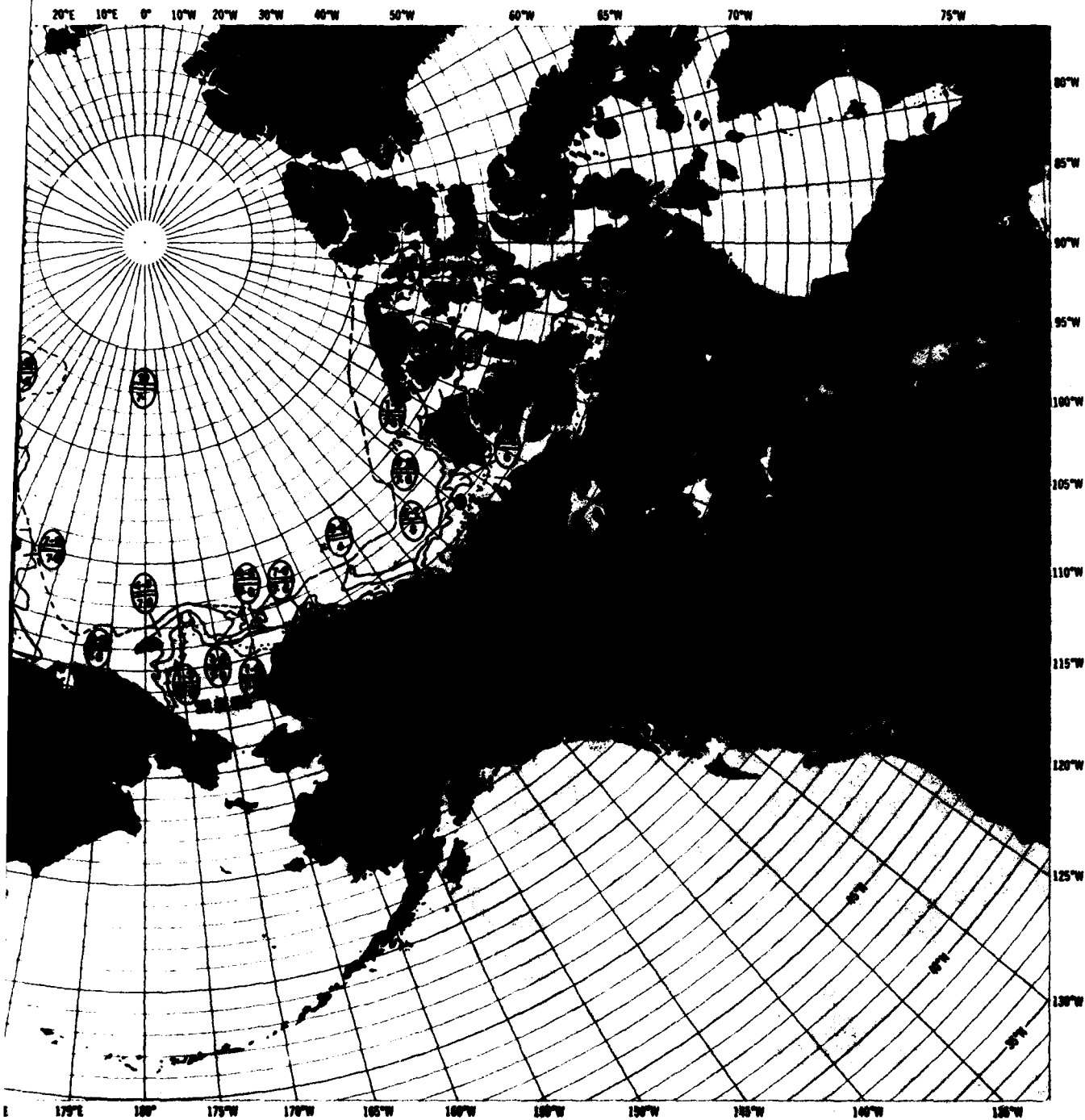
C = Total ice concentration in the area in tenths.
 C_1, C_2, C_3 = Components of thickness (C_1), 2nd thickness (C_2), and 3rd thickness (C_3) in tenths.
 S_1, S_2, S_3 = Stages of development of thickness (S_1), 2nd thickness (S_2), and 3rd thickness (S_3) in tenths.
 ~C = Concentration of ice within various stages and patterns.

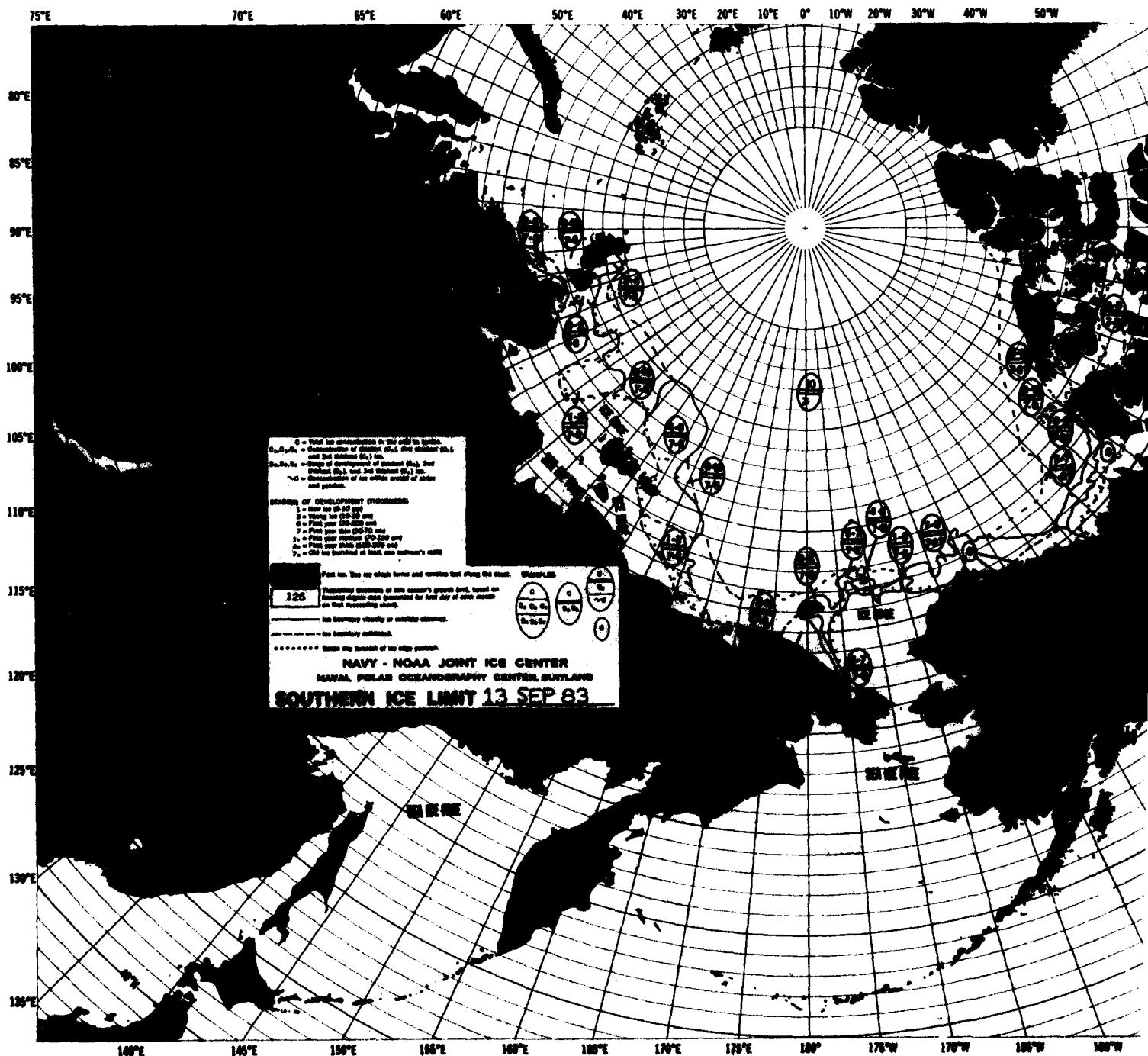
STAGES OF DEVELOPMENT (THICKNESS)
 1 = Max ice (5-10 cm)
 2 = Young ice (10-25 cm)
 3 = First year (25-50 cm)
 4 = First year (50-75 cm)
 5 = First year (75-100 cm)
 6 = First year (100-125 cm)
 7 = First year (125-150 cm)
 8 = First year (150-200 cm)
 9 = First year (200-250 cm)
 10 = First year (250-300 cm)
 11 = First year (300-350 cm)
 12 = First year (350-400 cm)
 13 = First year (400-450 cm)
 14 = First year (450-500 cm)
 15 = First year (500-550 cm)
 16 = First year (550-600 cm)
 17 = First year (600-650 cm)
 18 = First year (650-700 cm)
 19 = First year (700-750 cm)
 20 = First year (750-800 cm)
 21 = First year (800-850 cm)
 22 = First year (850-900 cm)
 23 = First year (900-950 cm)
 24 = First year (950-1000 cm)
 25 = First year (1000-1050 cm)
 26 = First year (1050-1100 cm)
 27 = First year (1100-1150 cm)
 28 = First year (1150-1200 cm)
 29 = First year (1200-1250 cm)
 30 = First year (1250-1300 cm)
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 34 = First year (1450-1500 cm)
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 36 = First year (1550-1600 cm)
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 40 = First year (1750-1800 cm)
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 42 = First year (1850-1900 cm)
 43 = First year (1900-1950 cm)
 44 = First year (1950-2000 cm)
 45 = First year (2000-2050 cm)
 46 = First year (2050-2100 cm)
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 84 = First year (3950-4000 cm)
 85 = First year (4000-4050 cm)
 86 = First year (4050-4100 cm)
 87 = First year (4100-4150 cm)
 88 = First year (4150-4200 cm)
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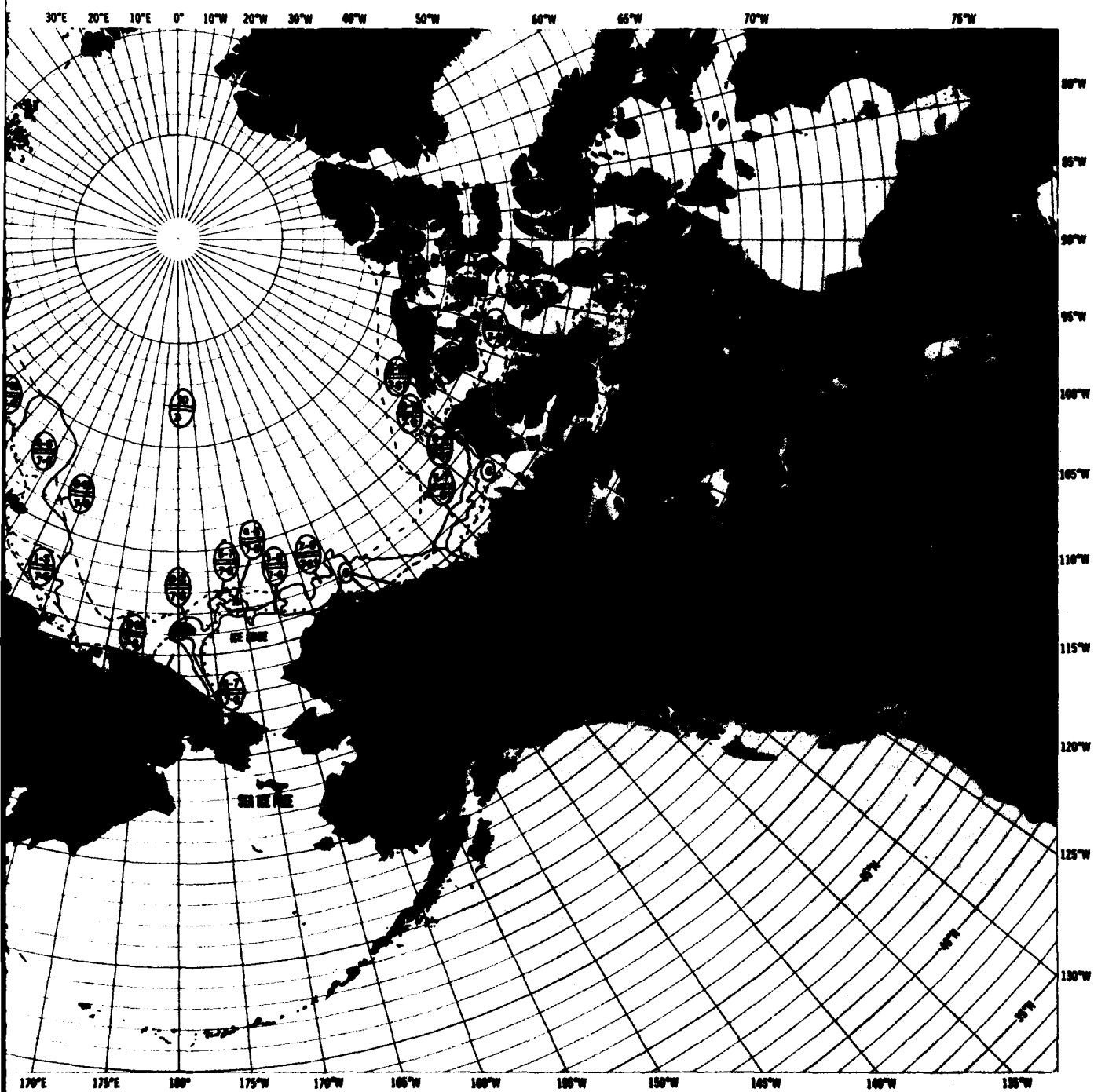
125

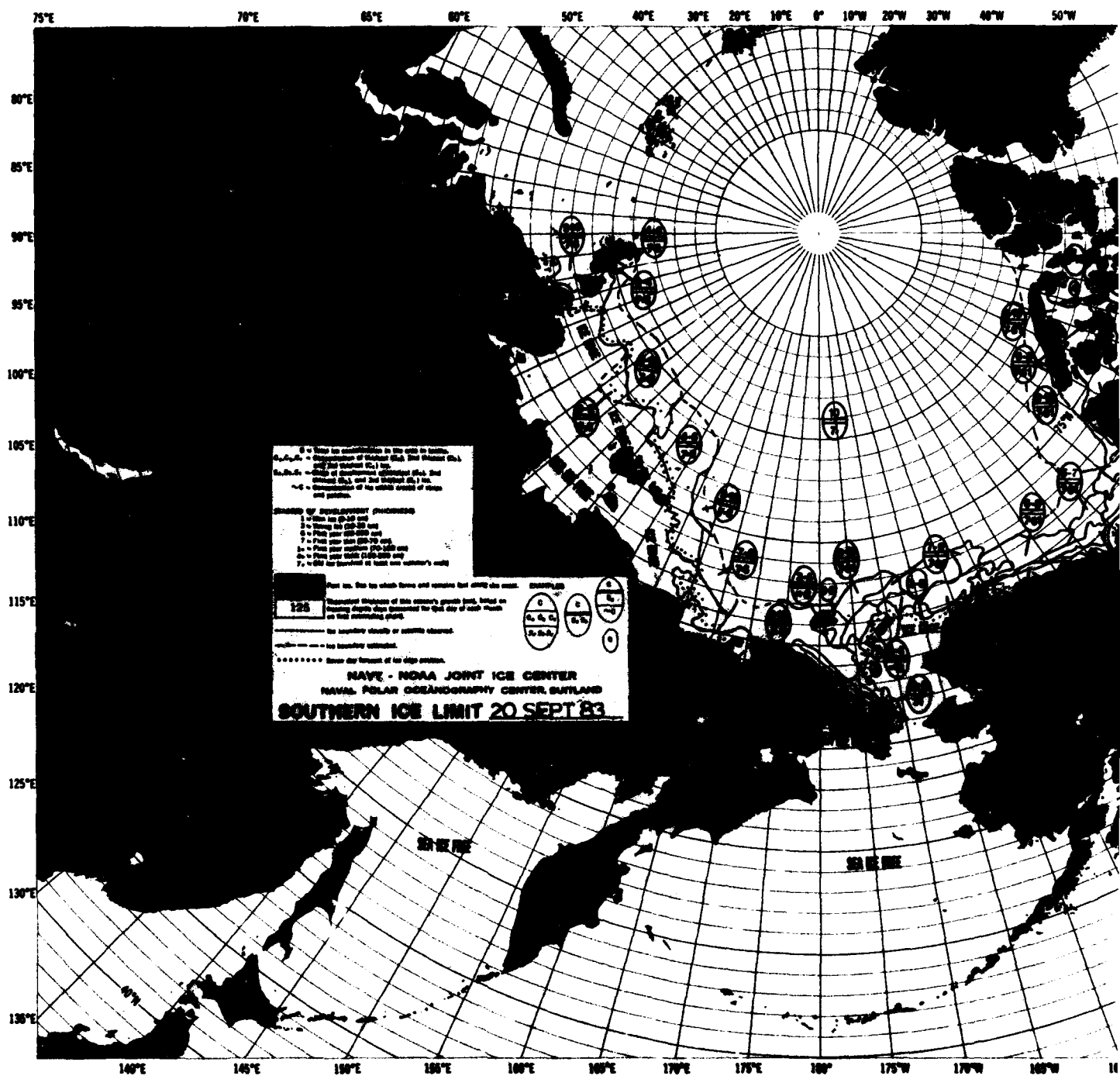
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 NAVAL POLAR OCEANOGRAPHY CENTER, SUTLAND
 SOUTHERN ICE LIMIT 30AUG83

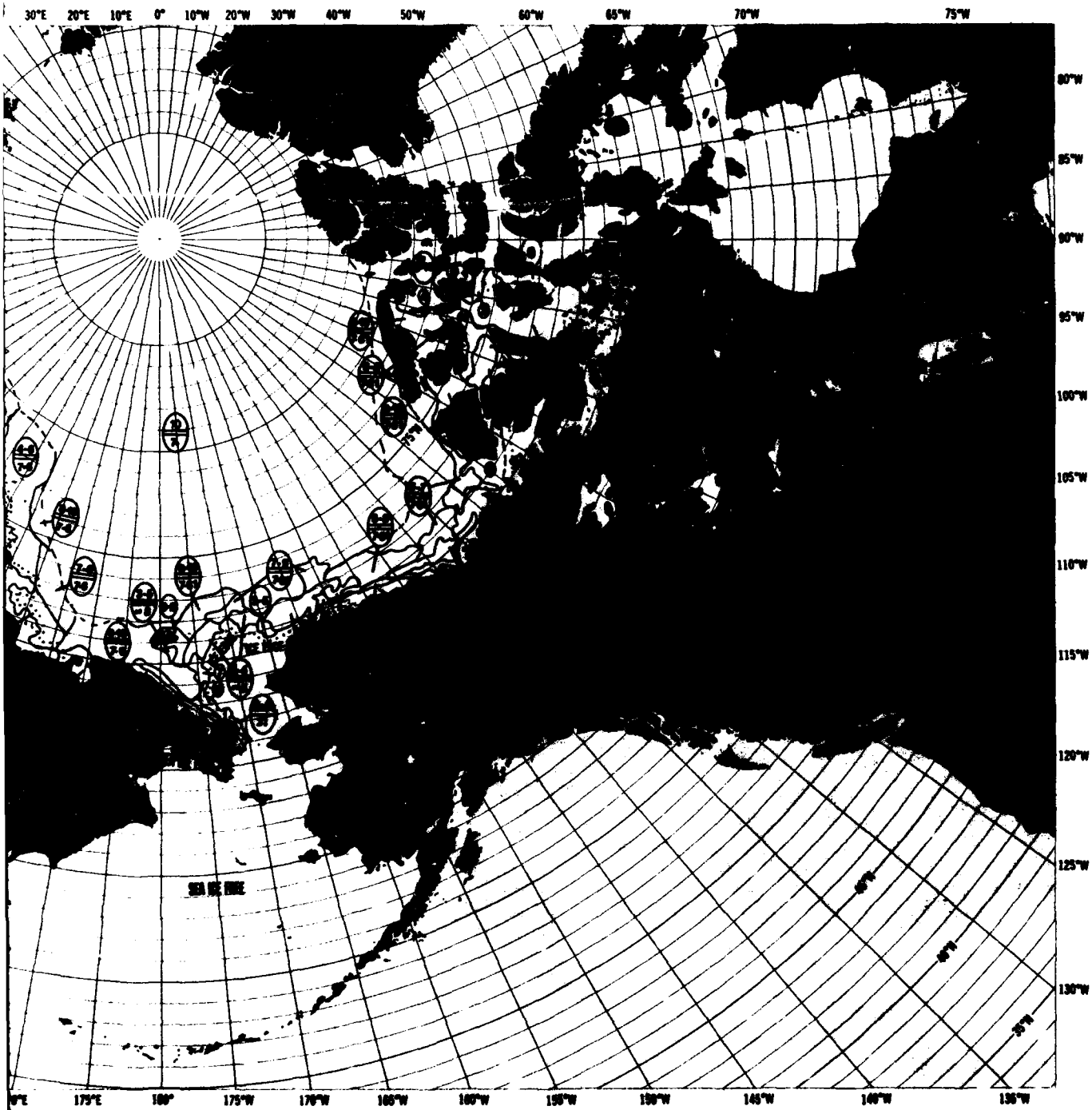


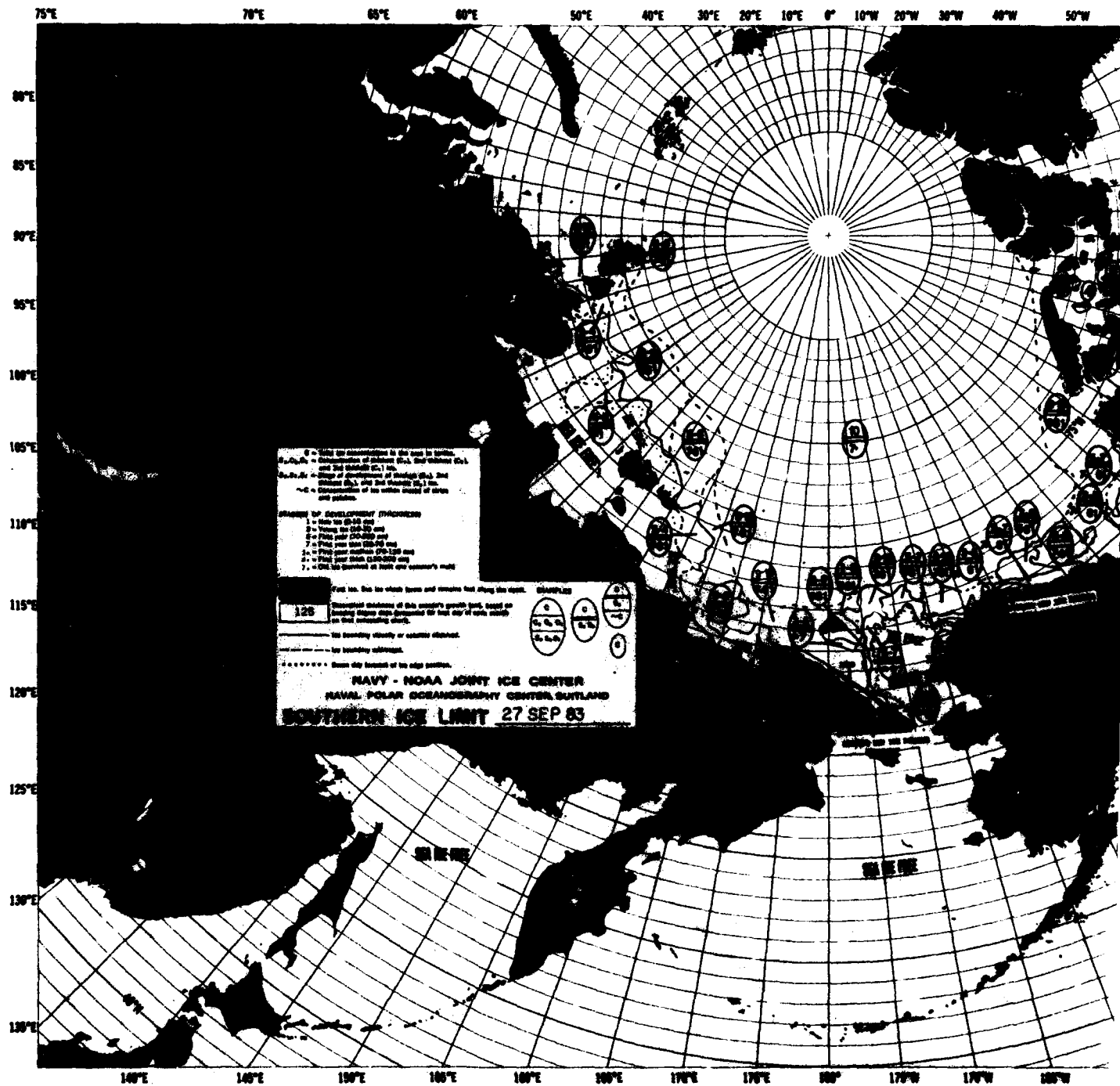


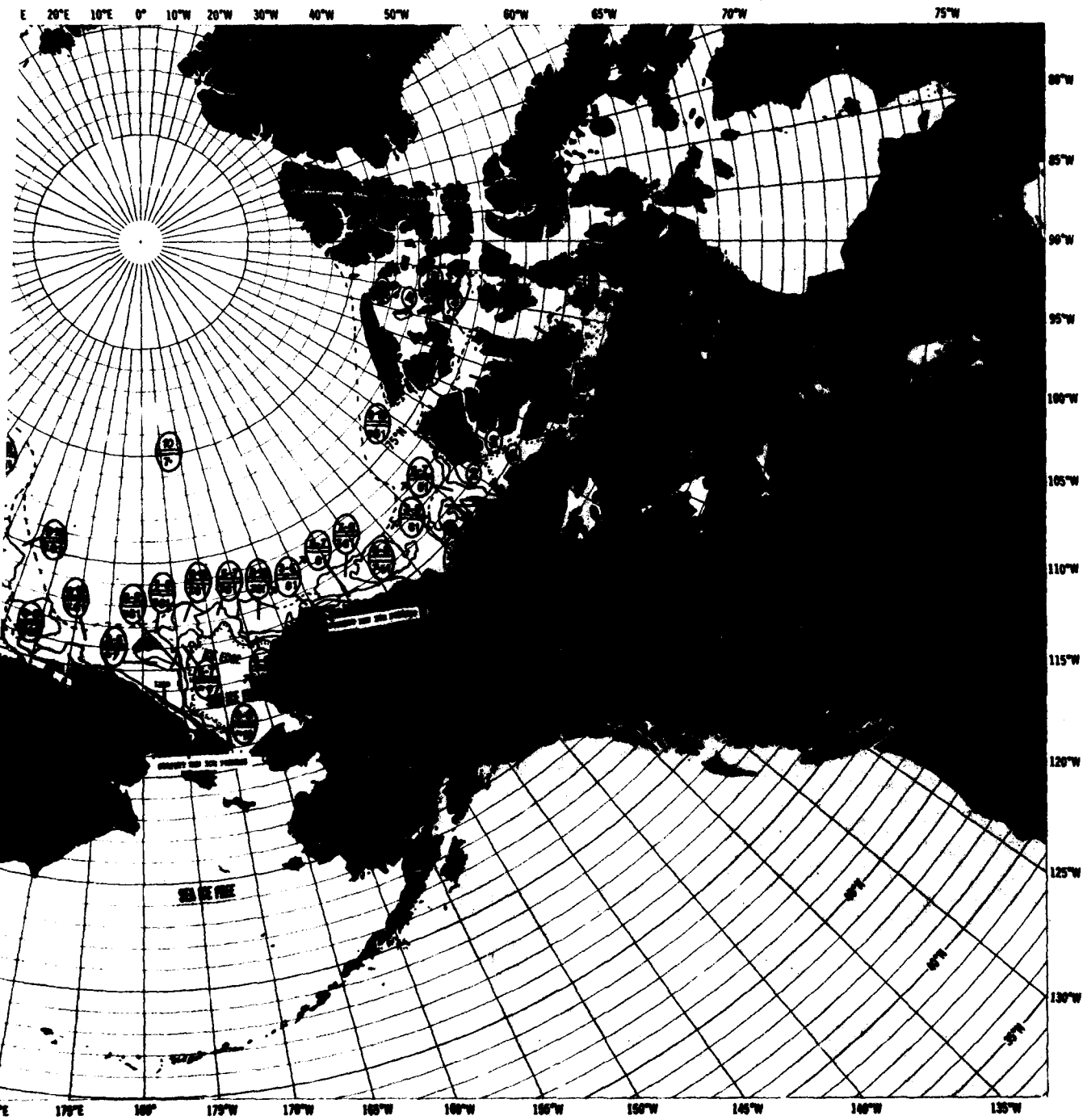


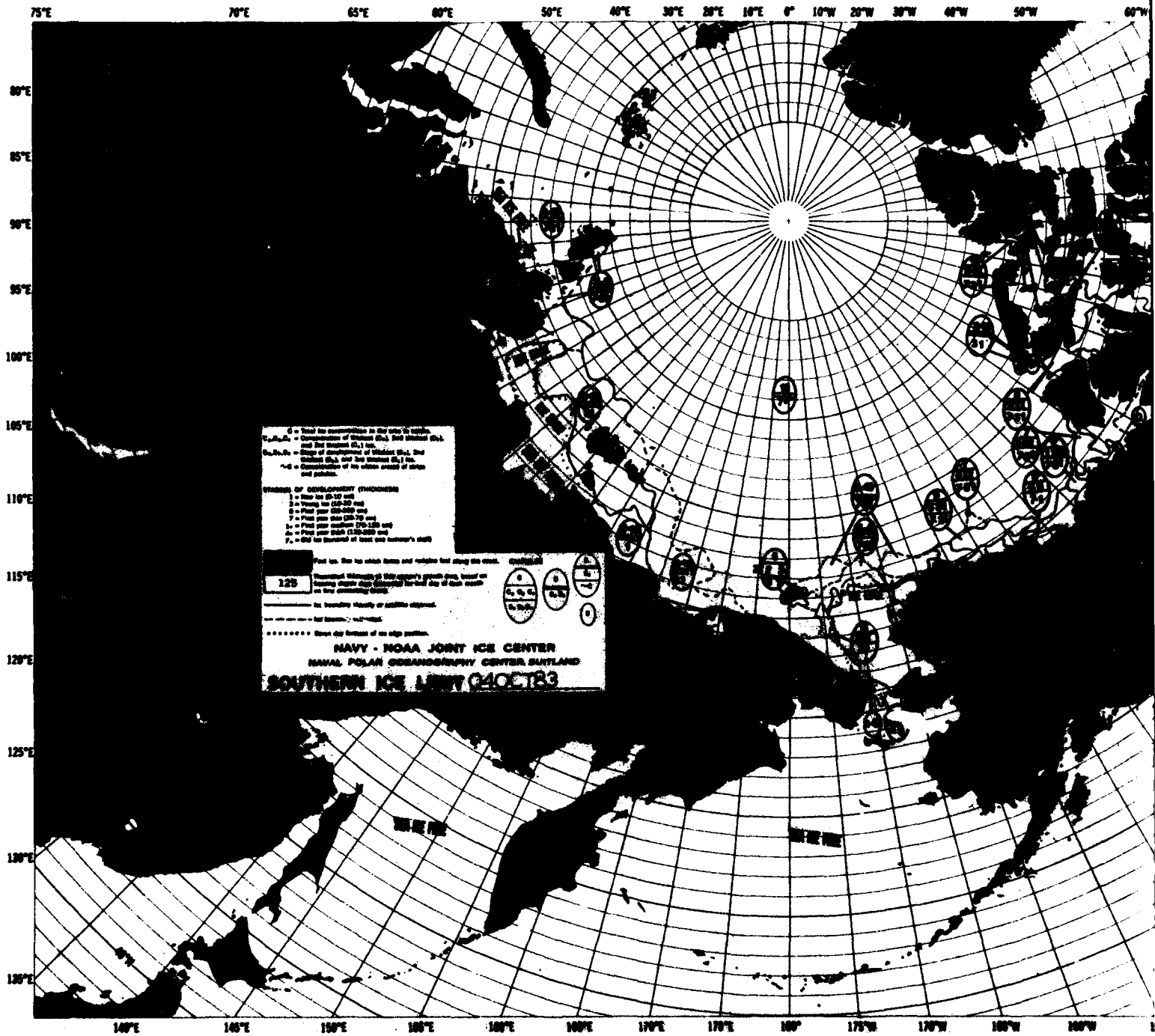


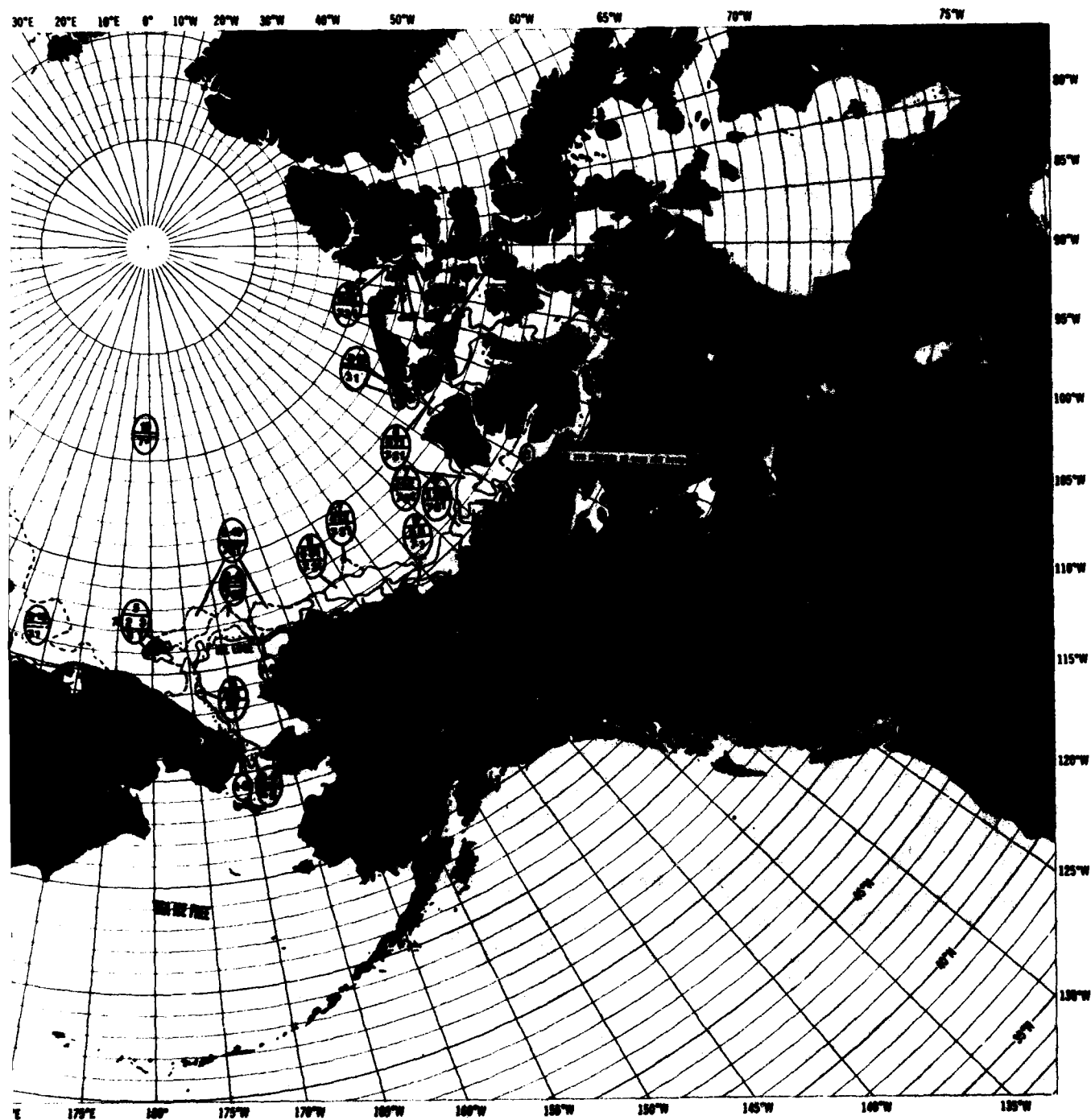


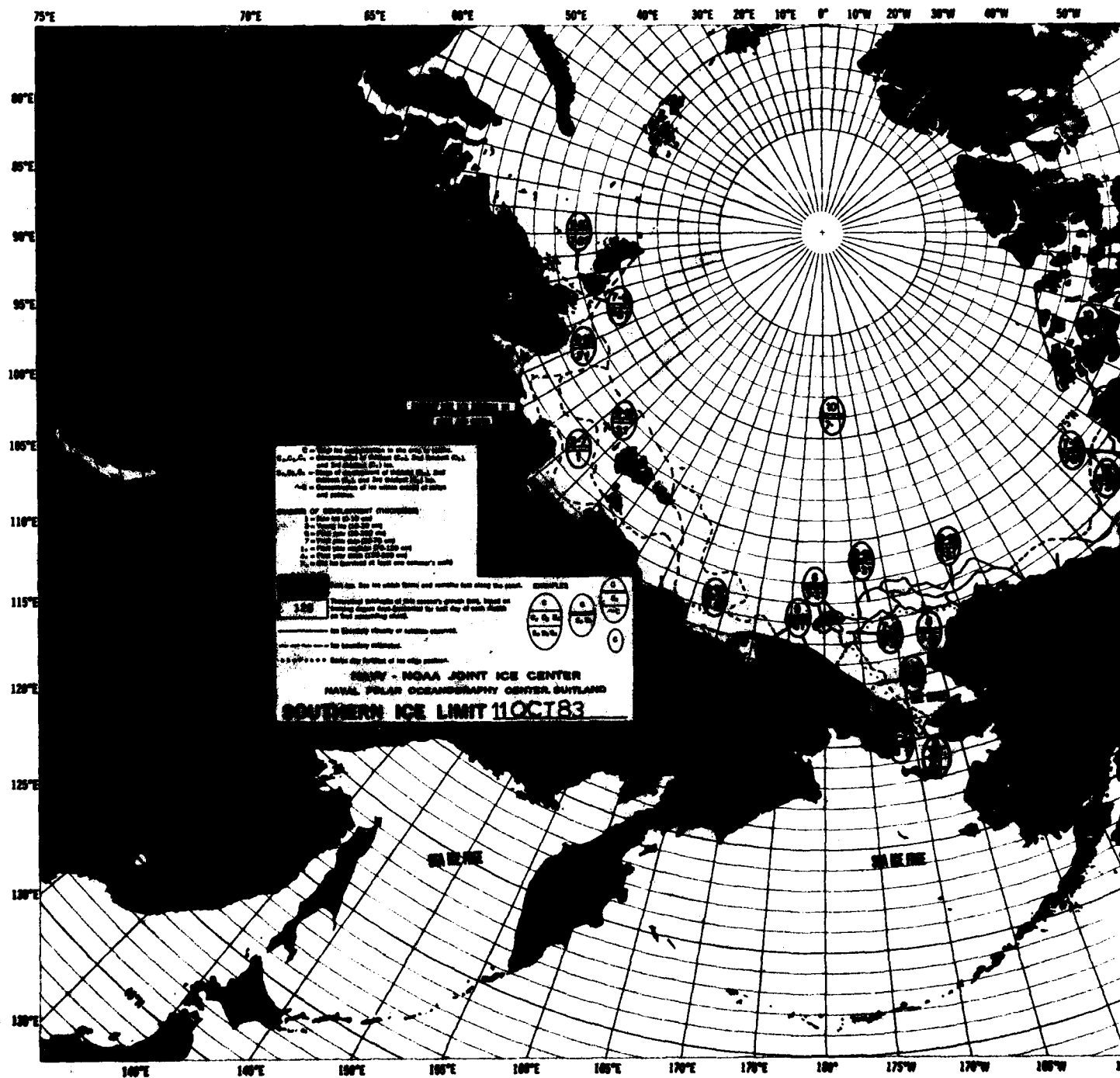


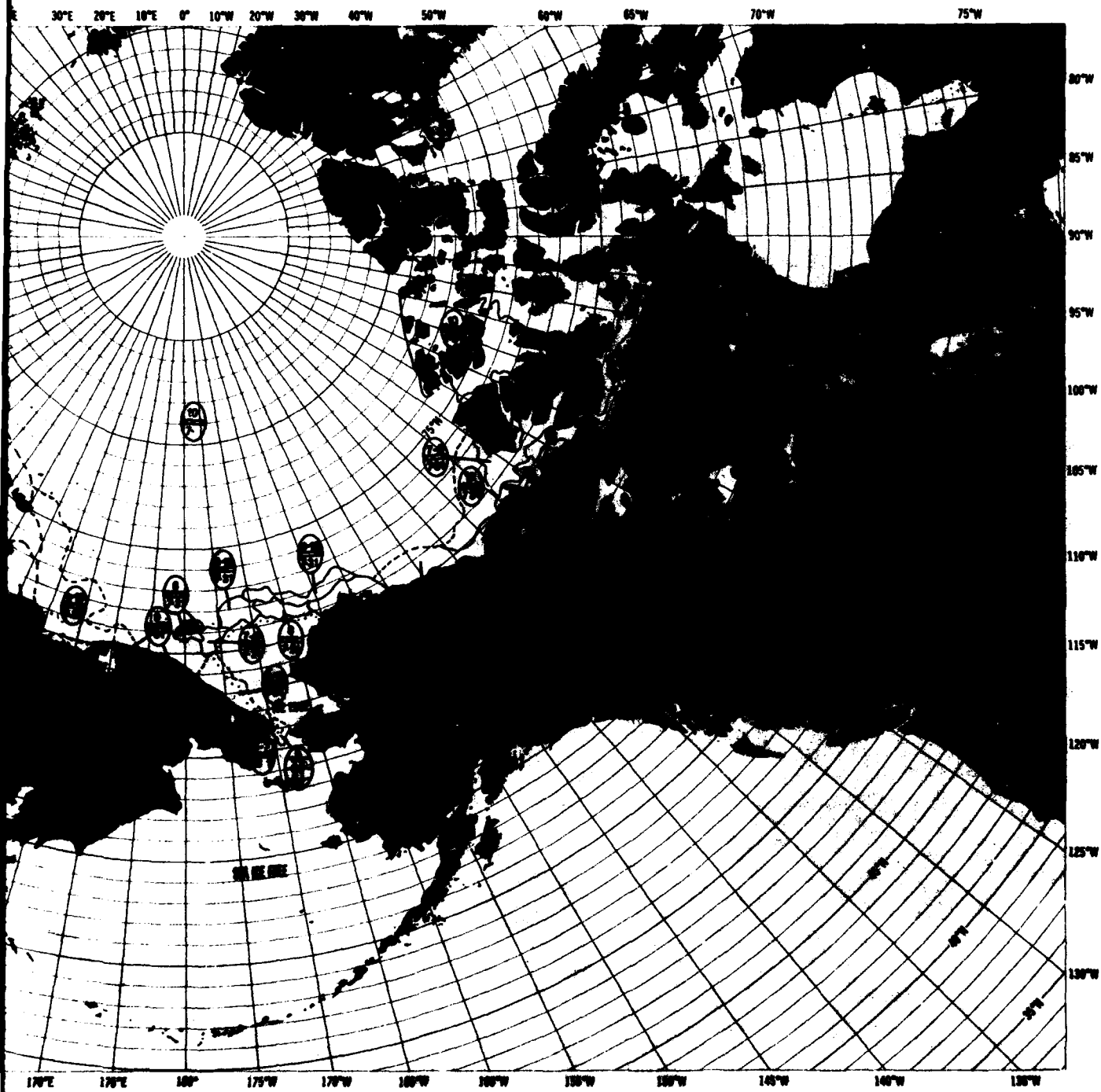


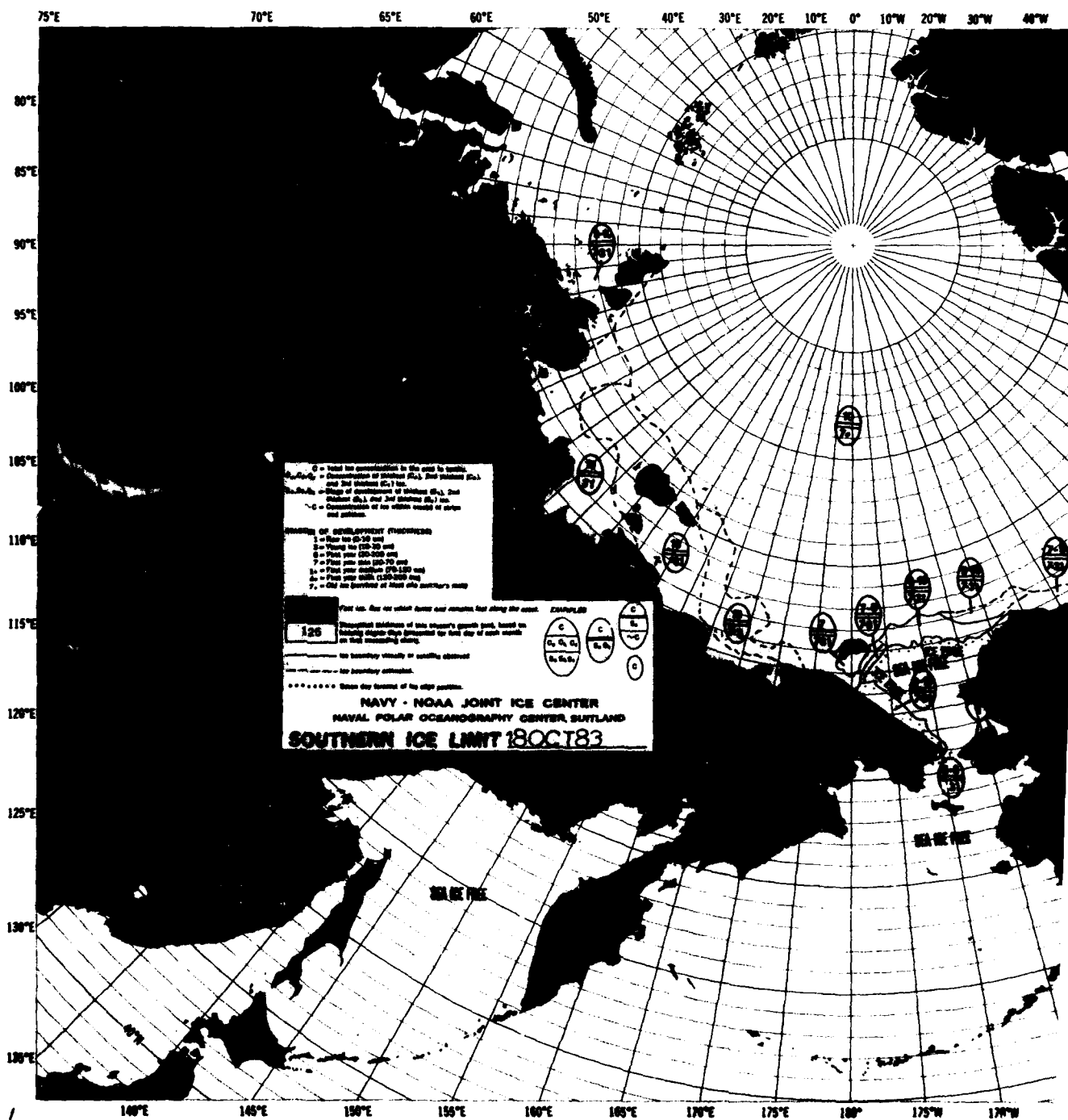












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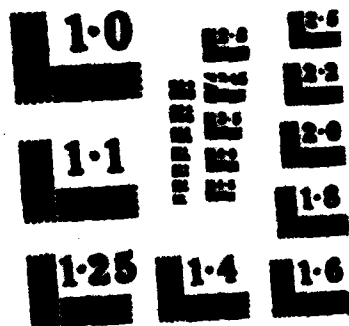
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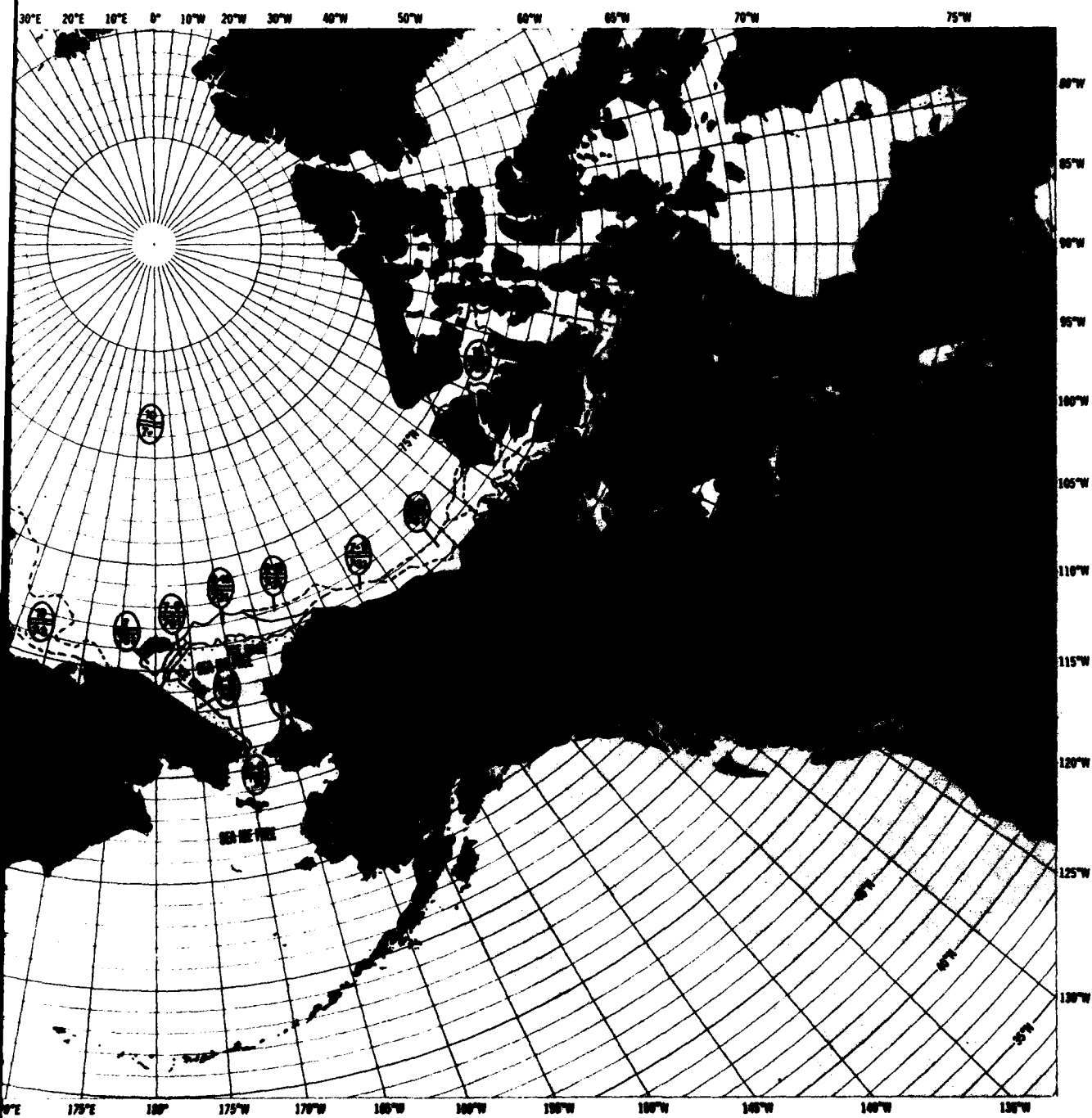
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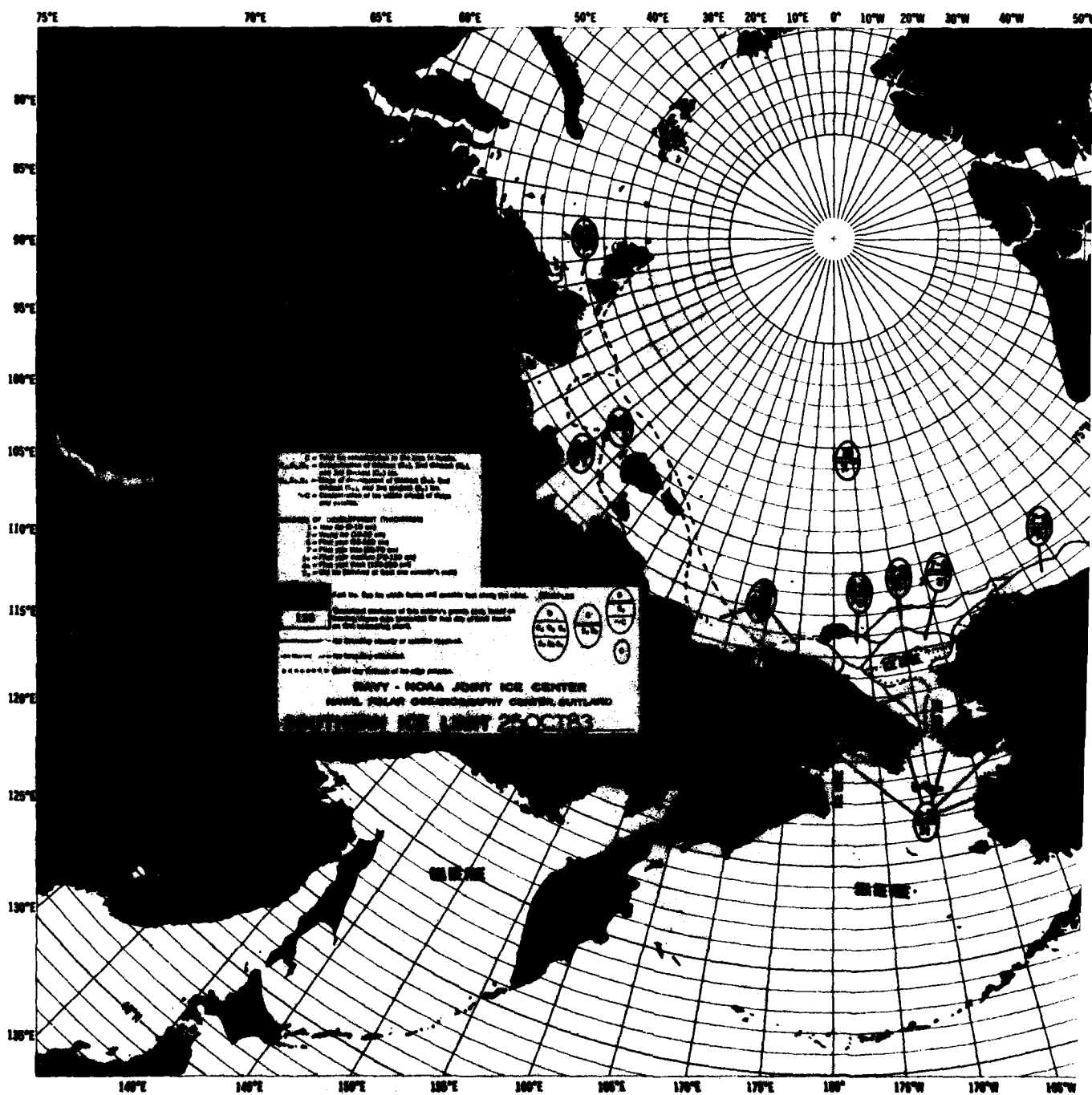
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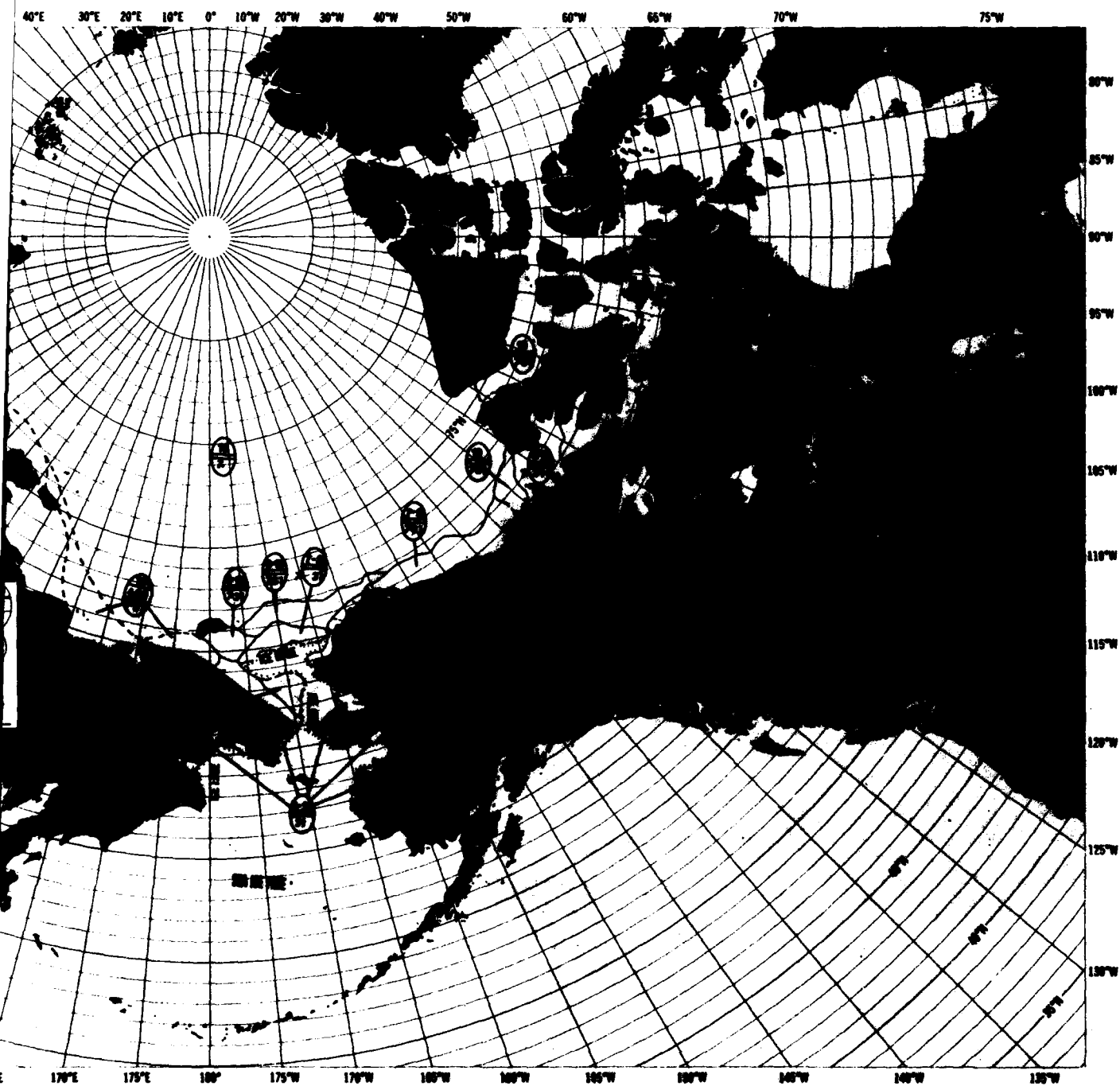


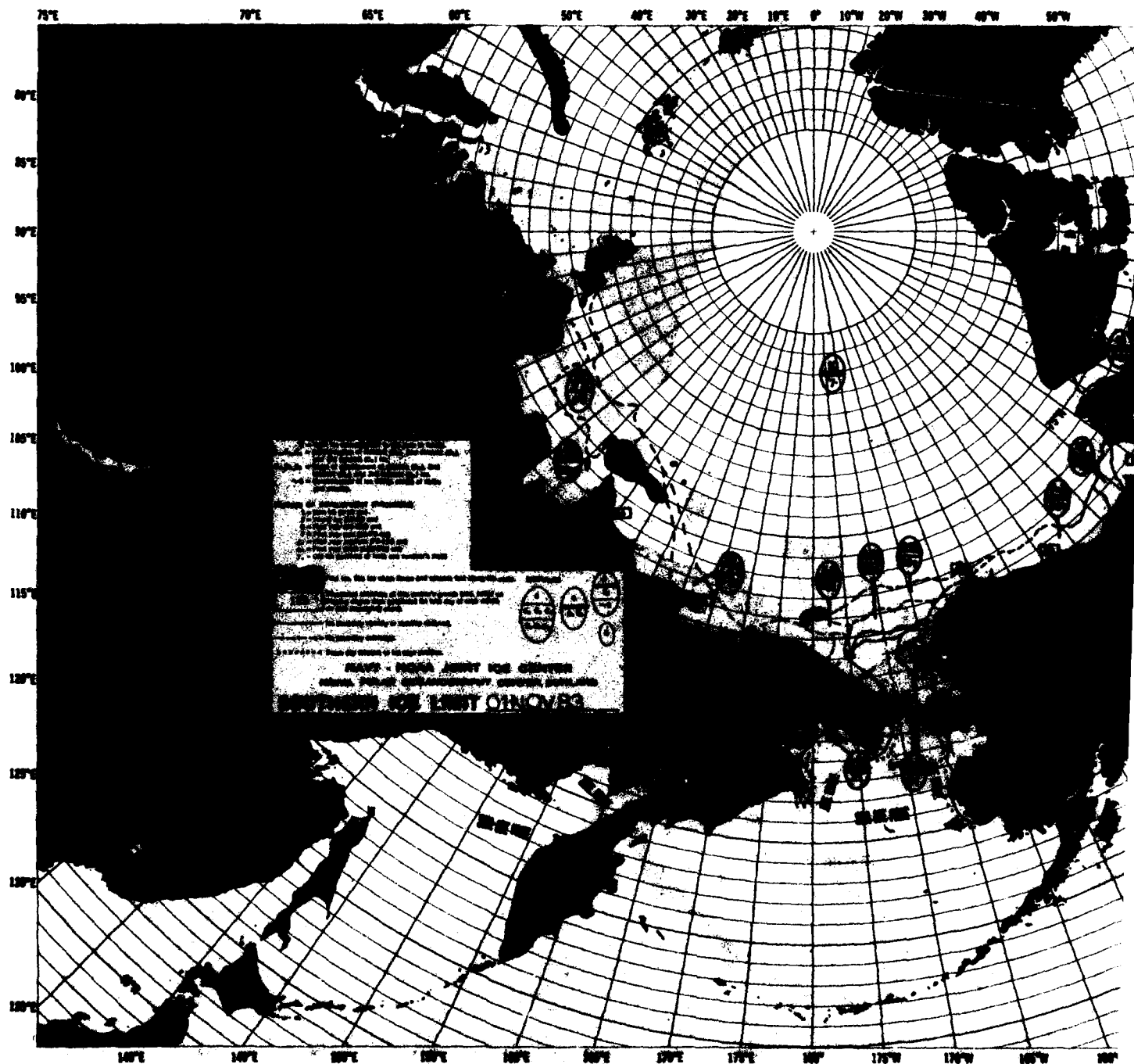


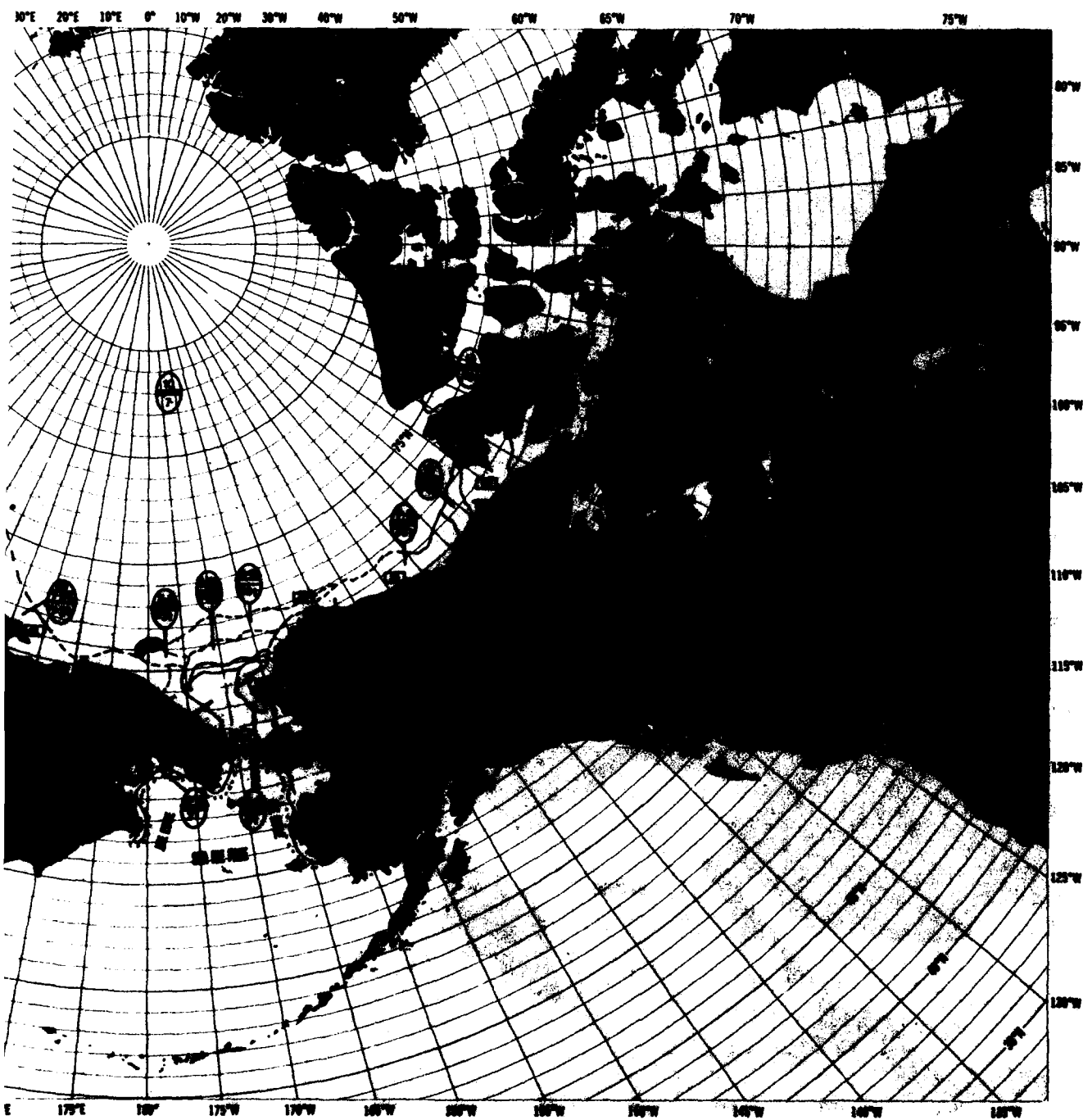


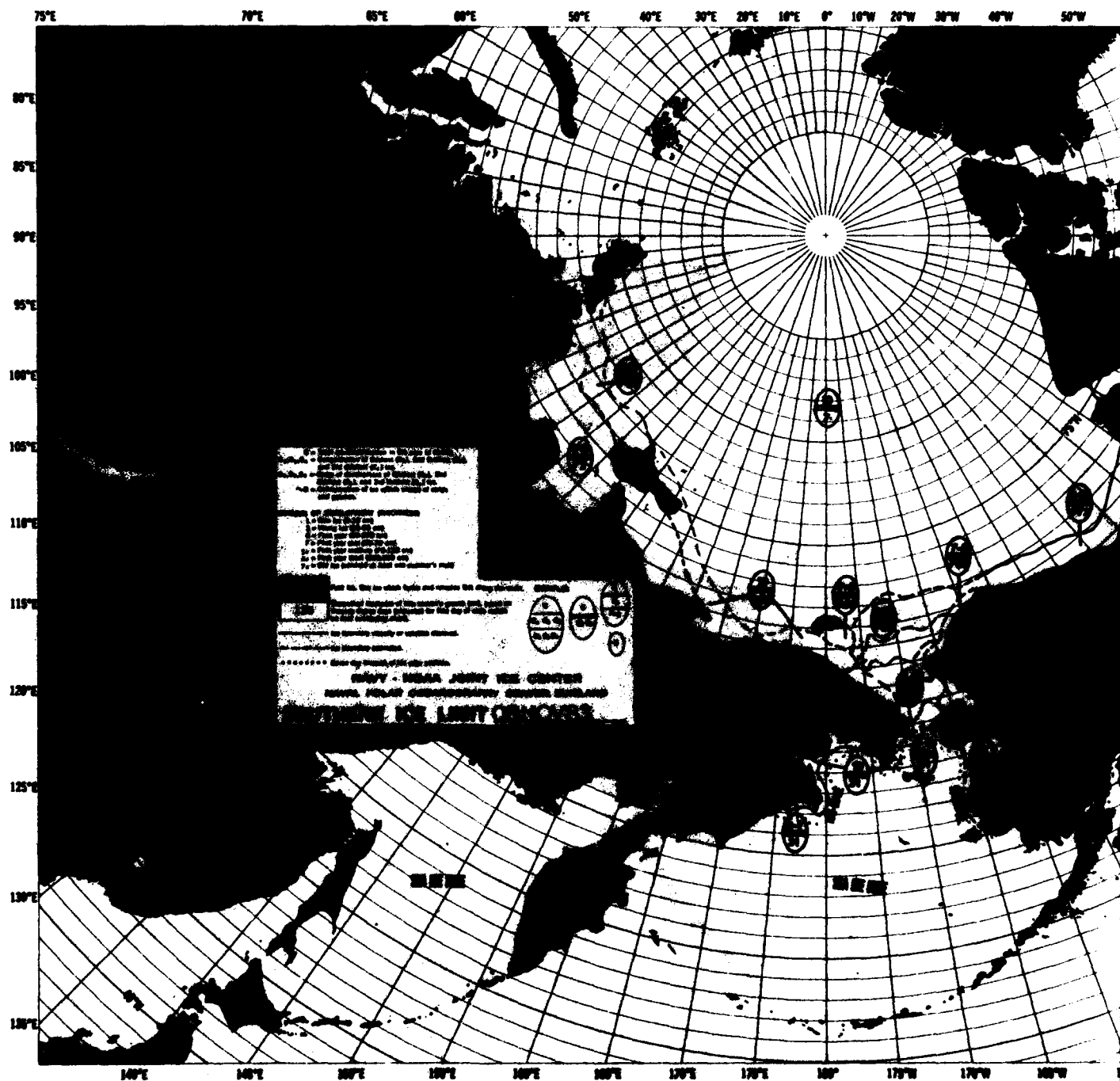
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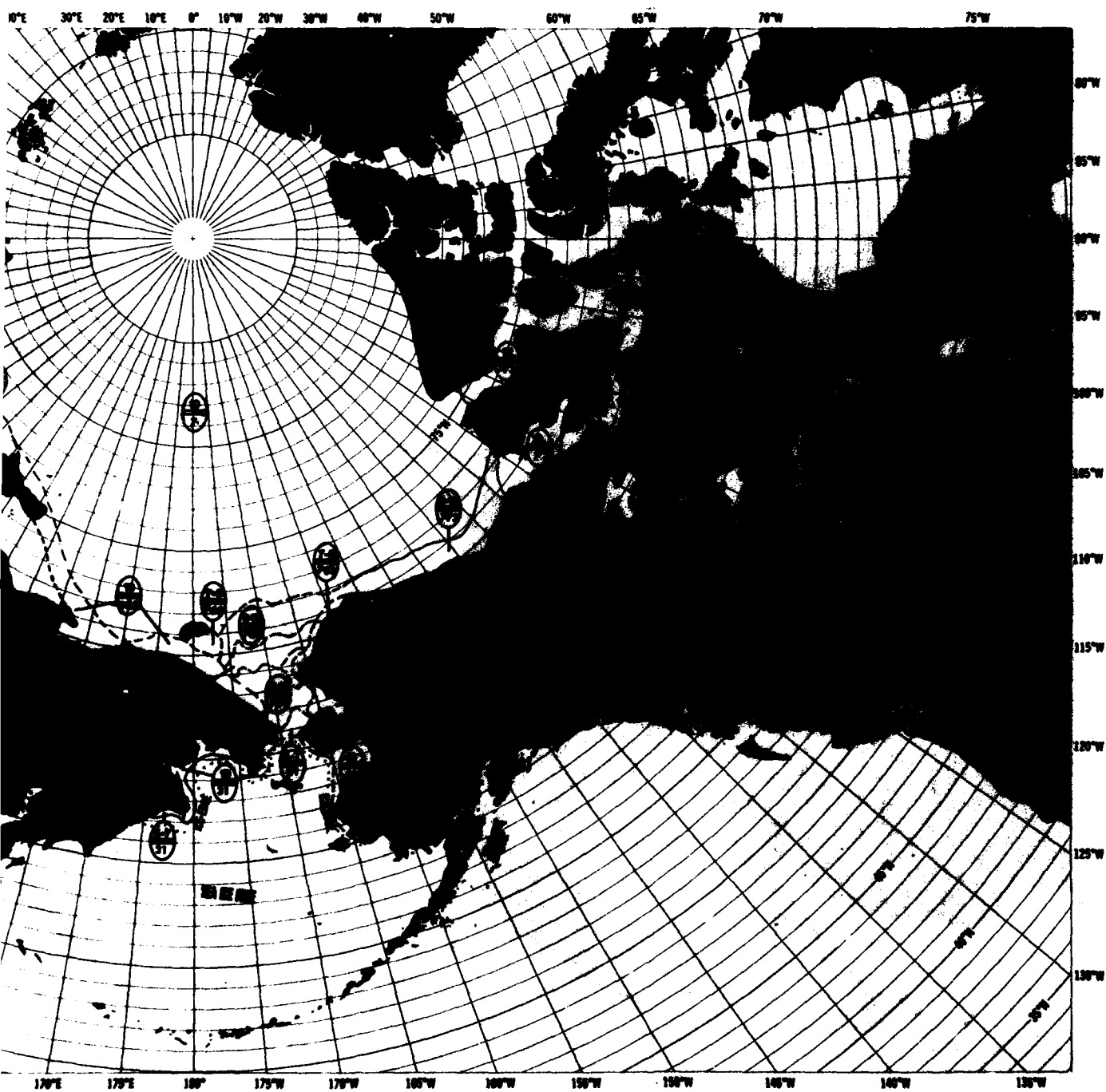


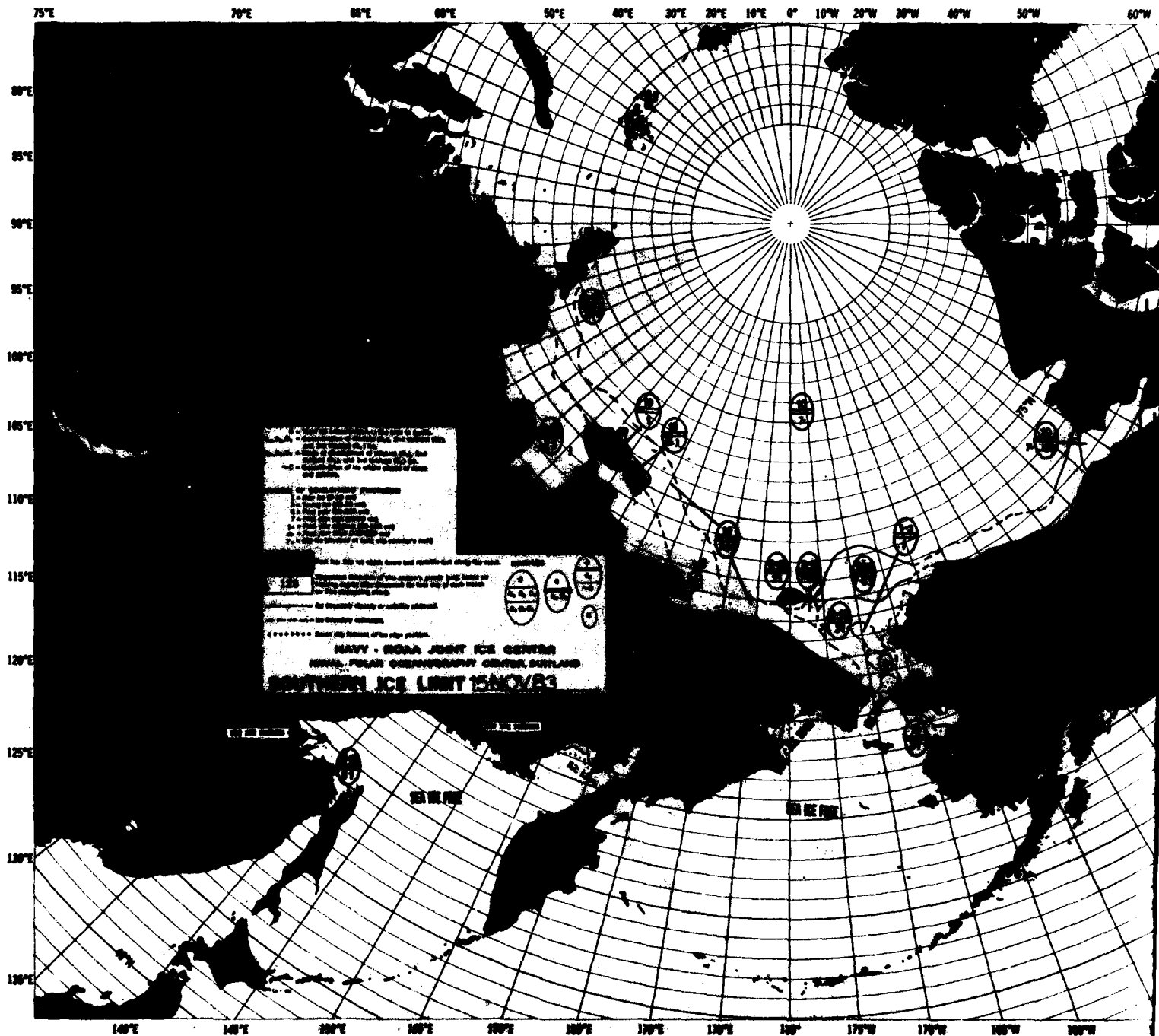


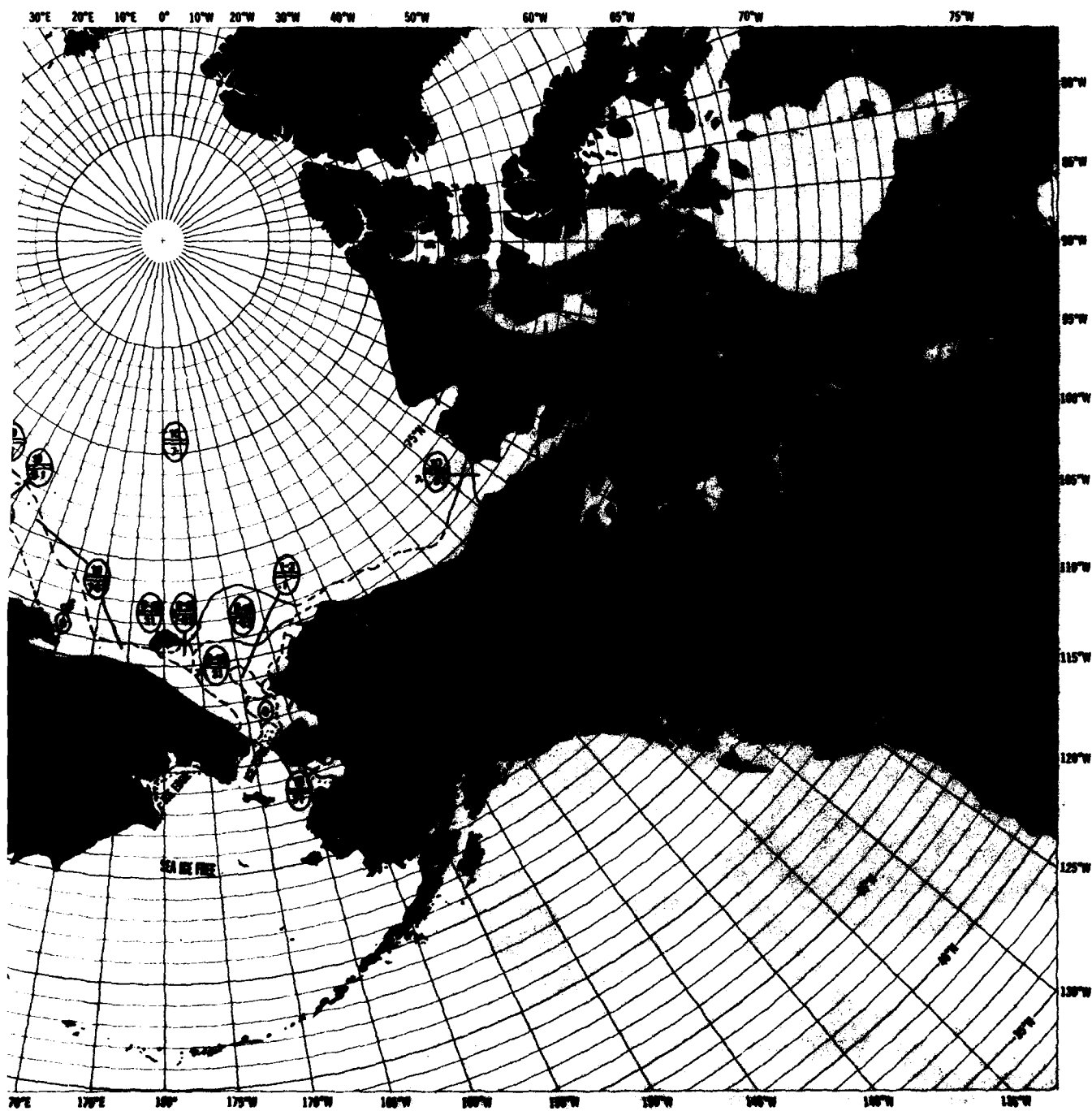


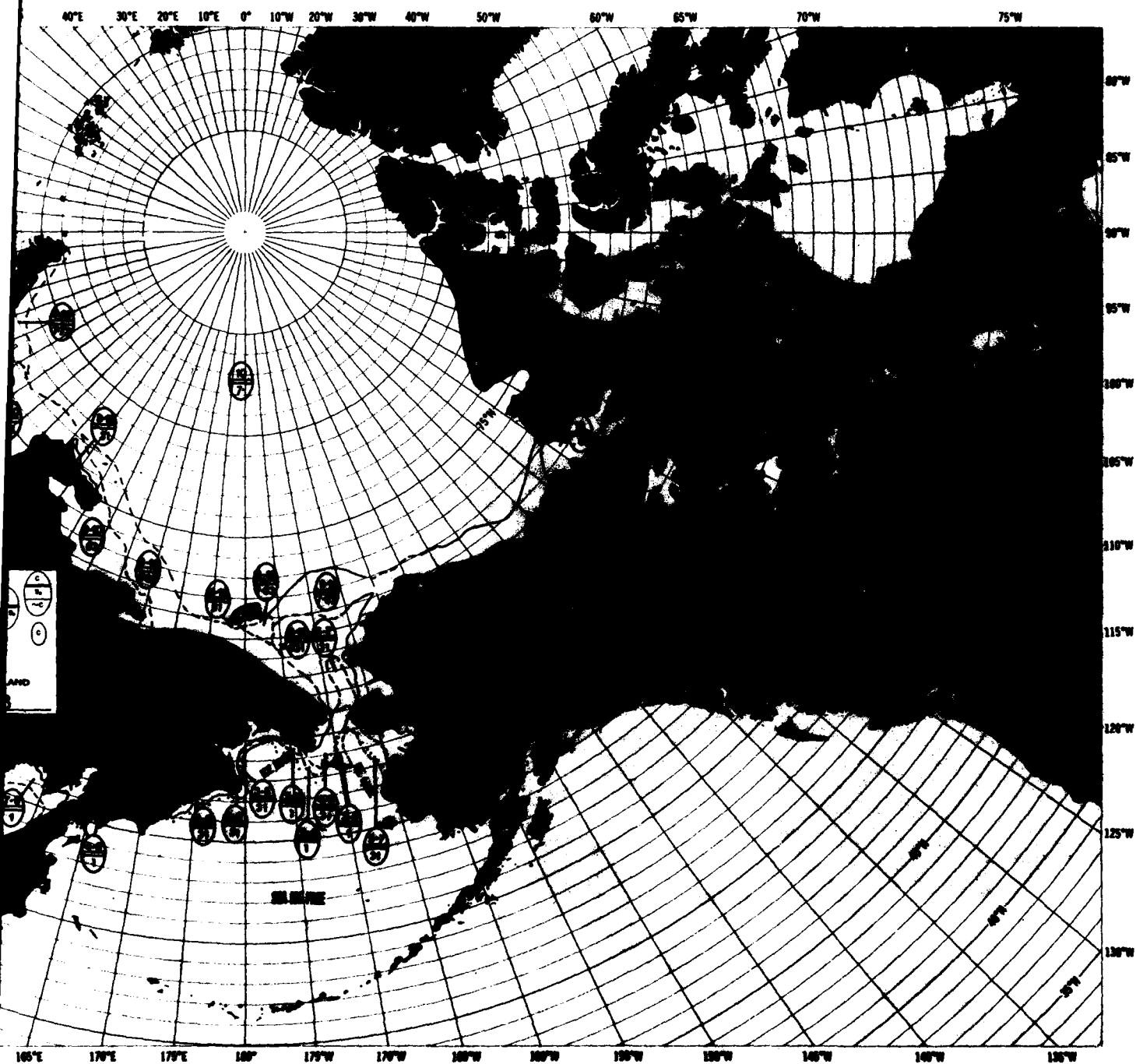


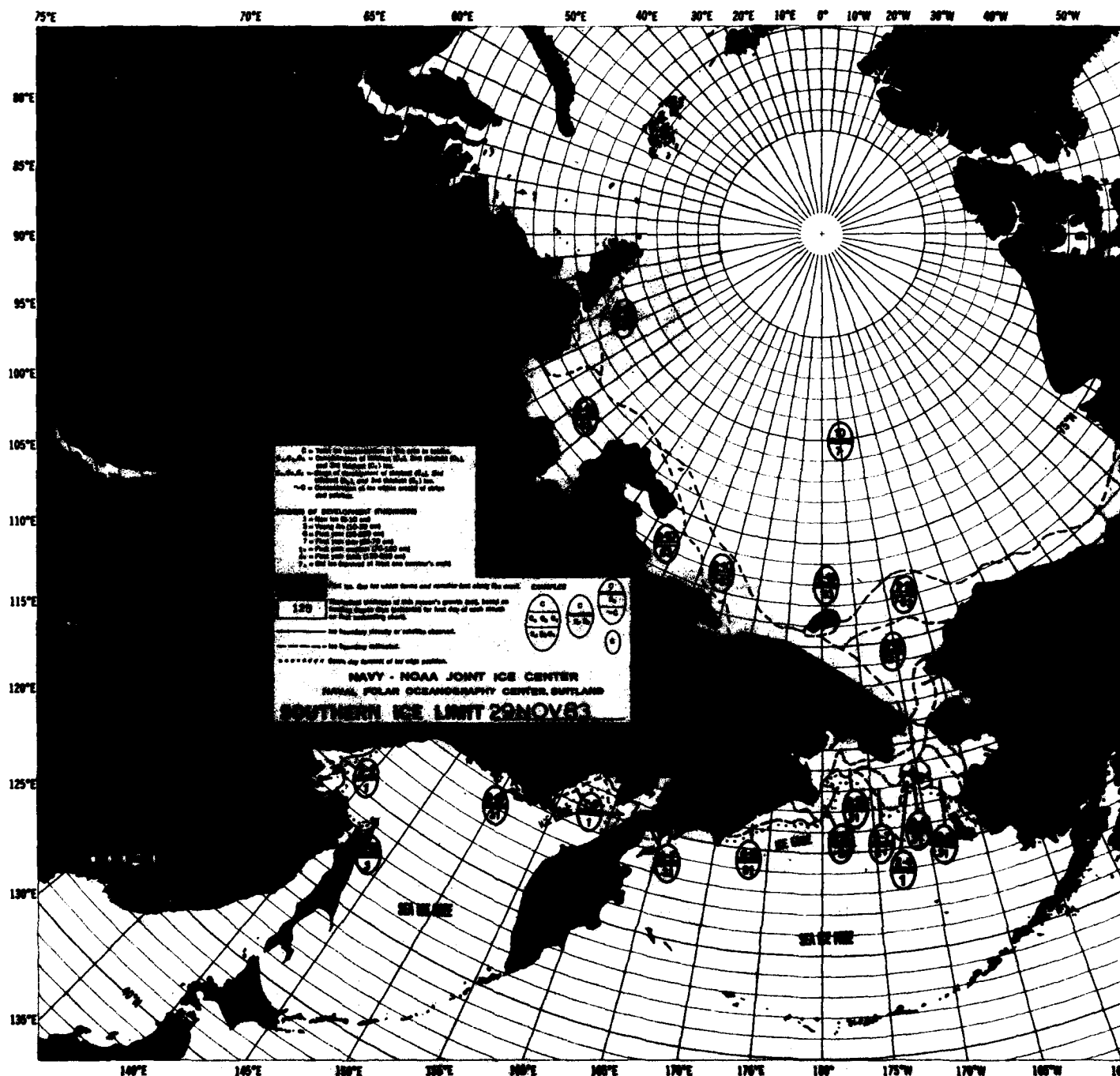


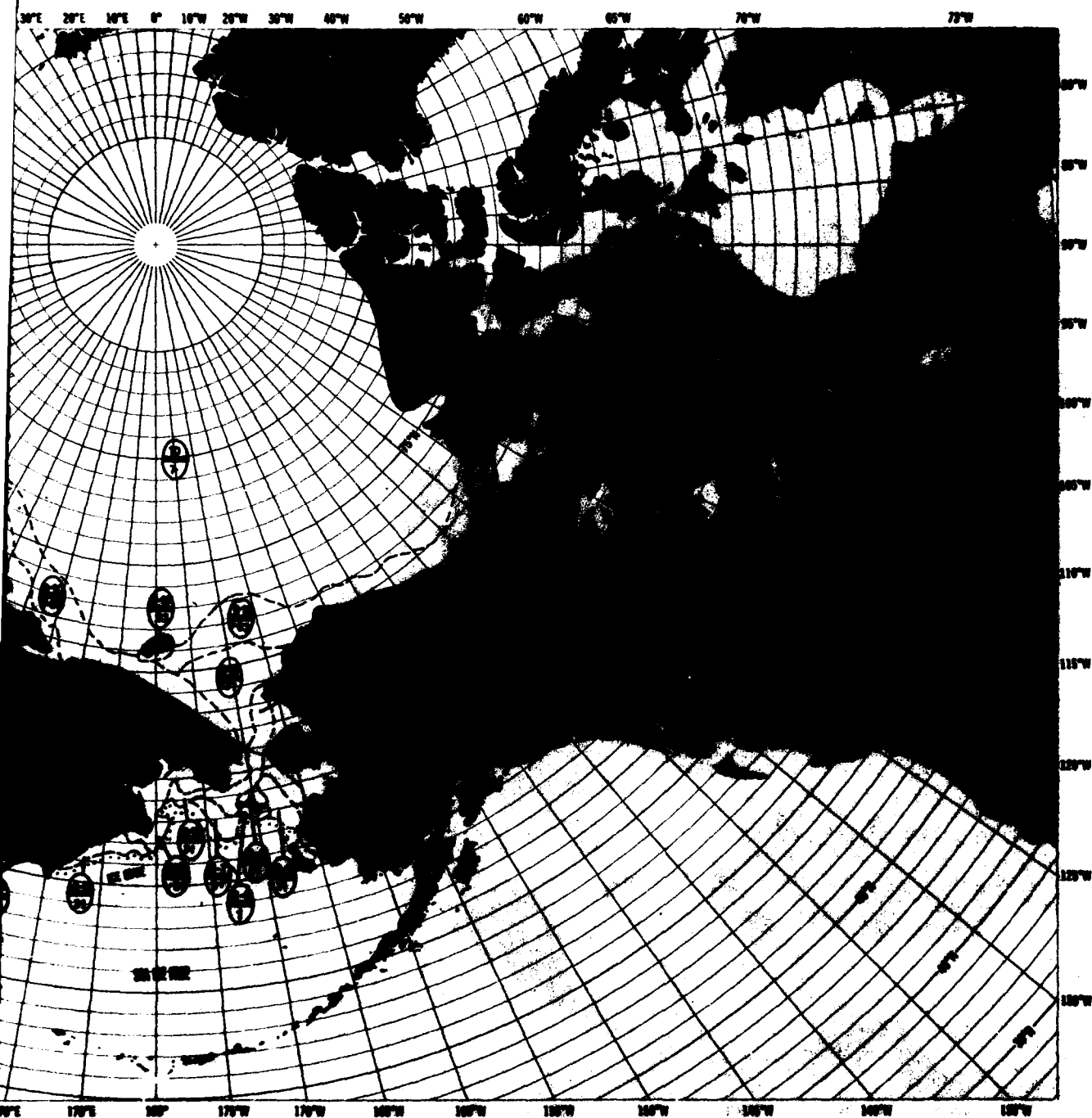


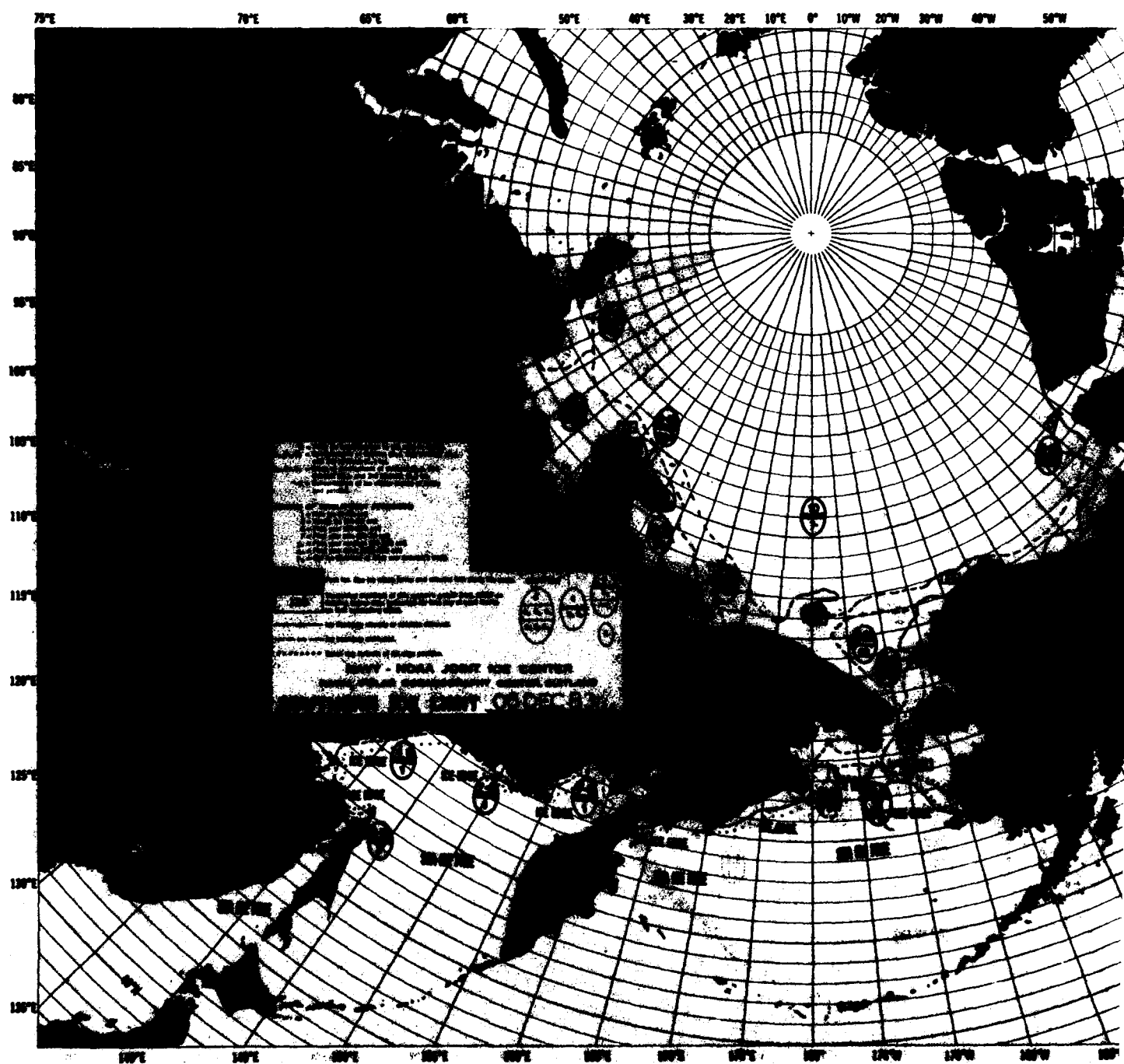


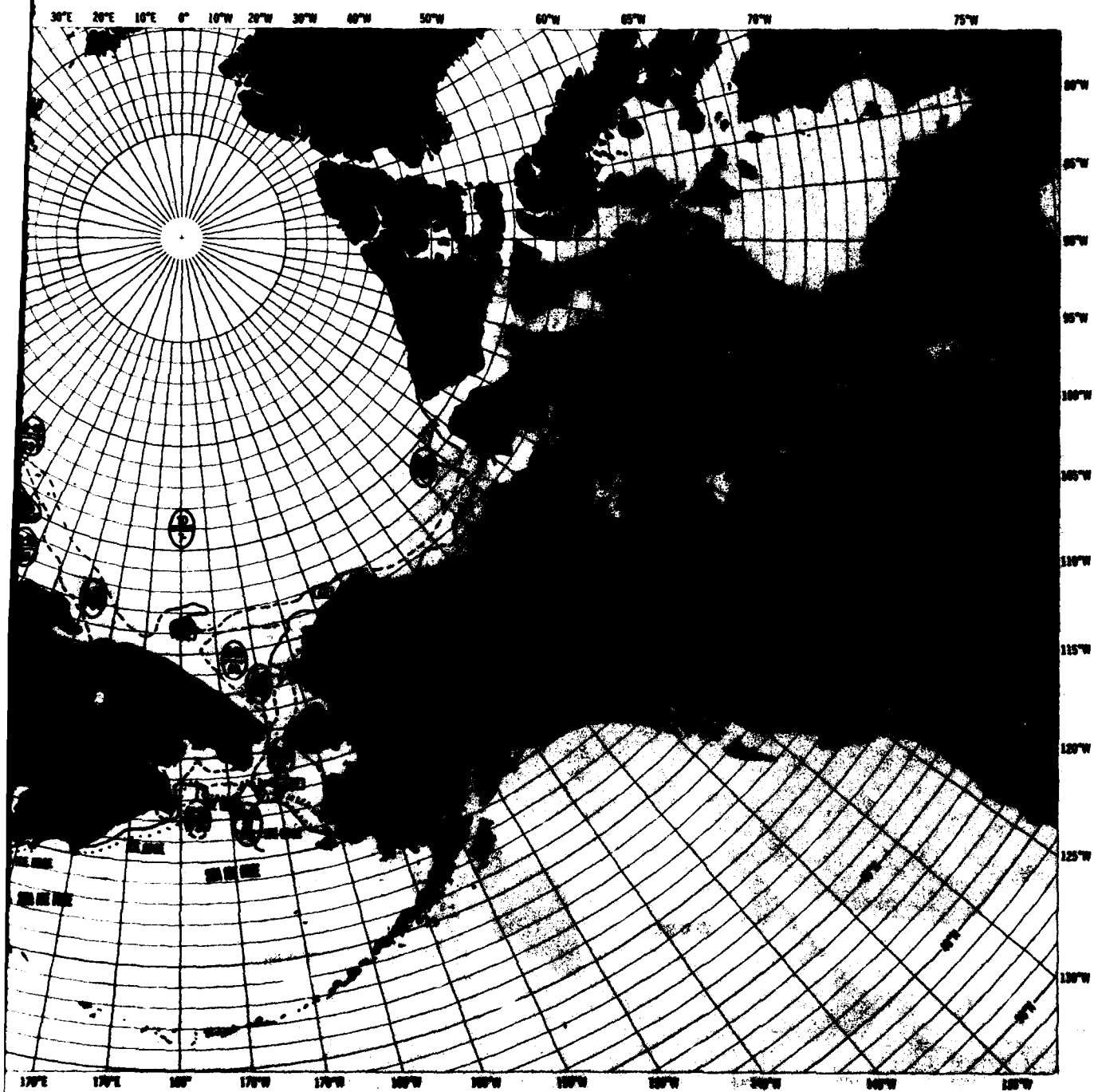


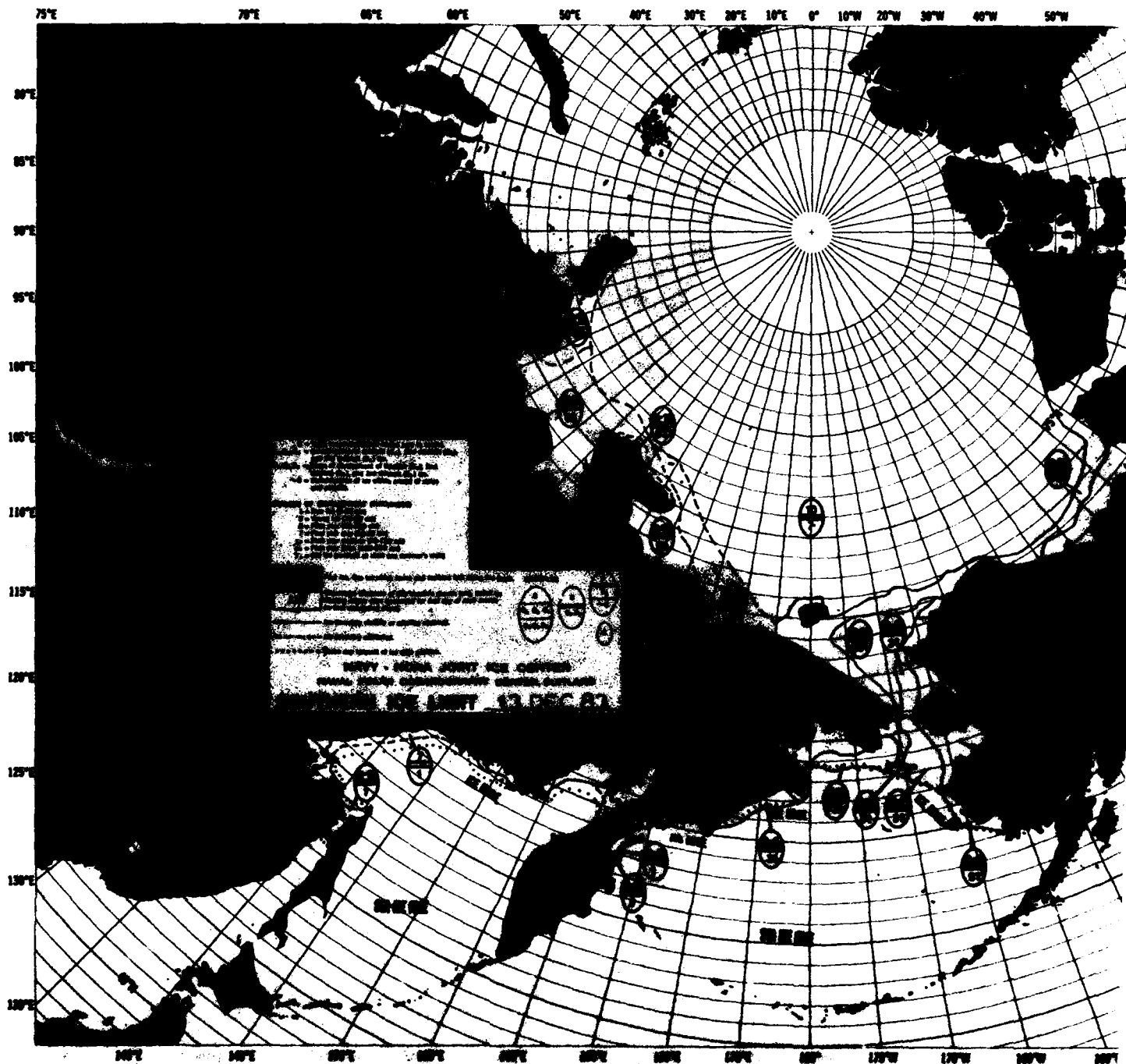


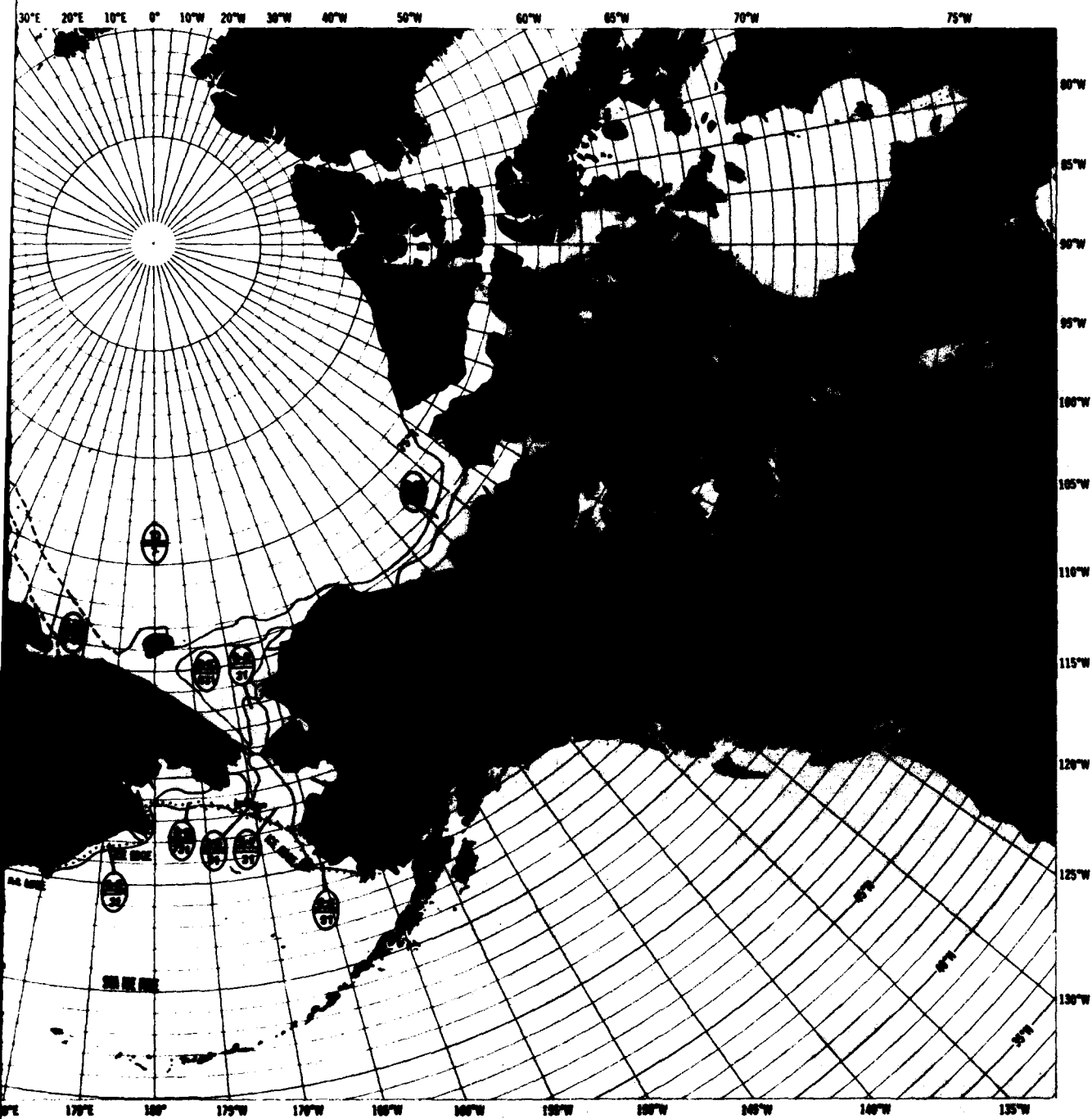


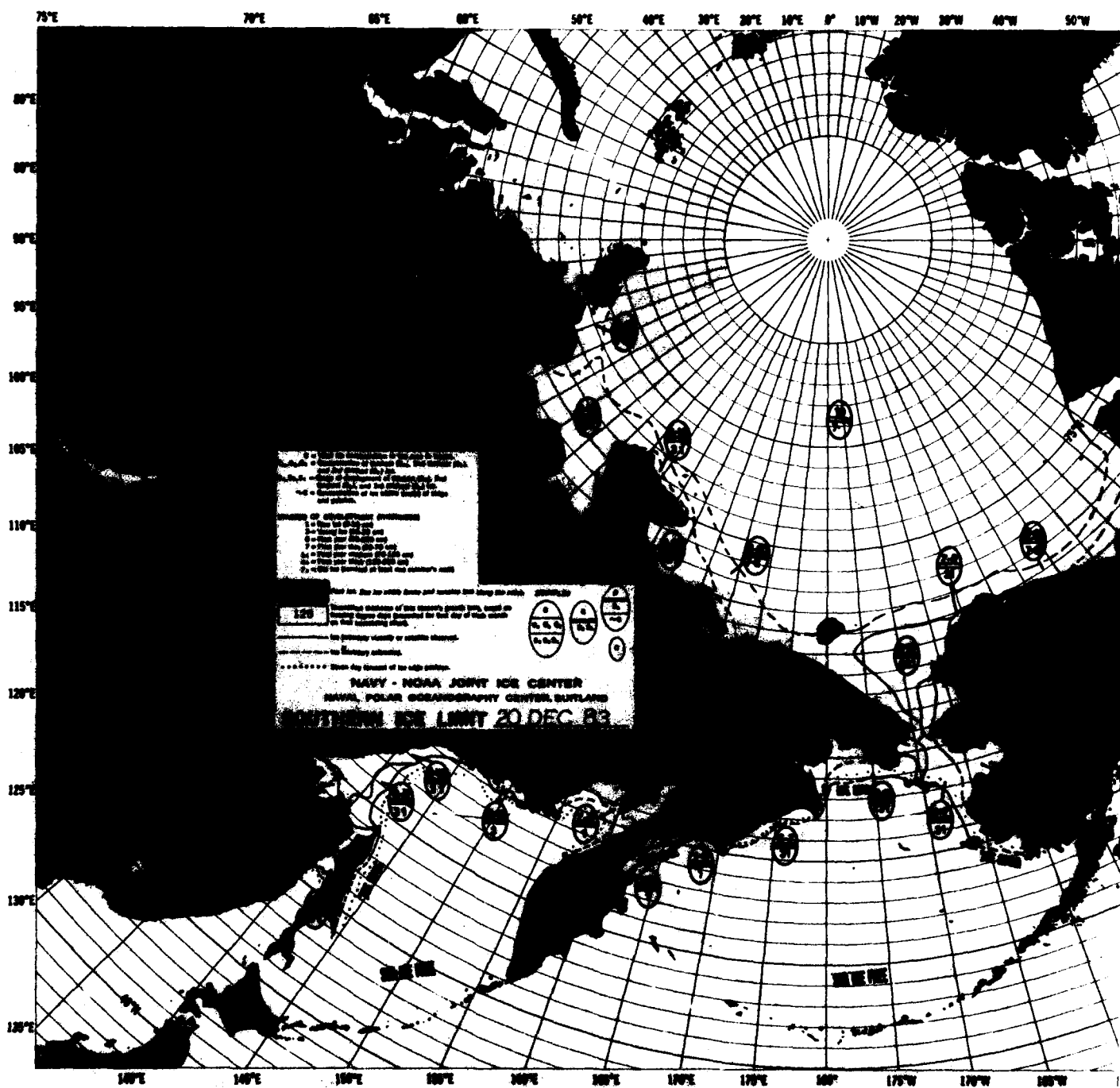


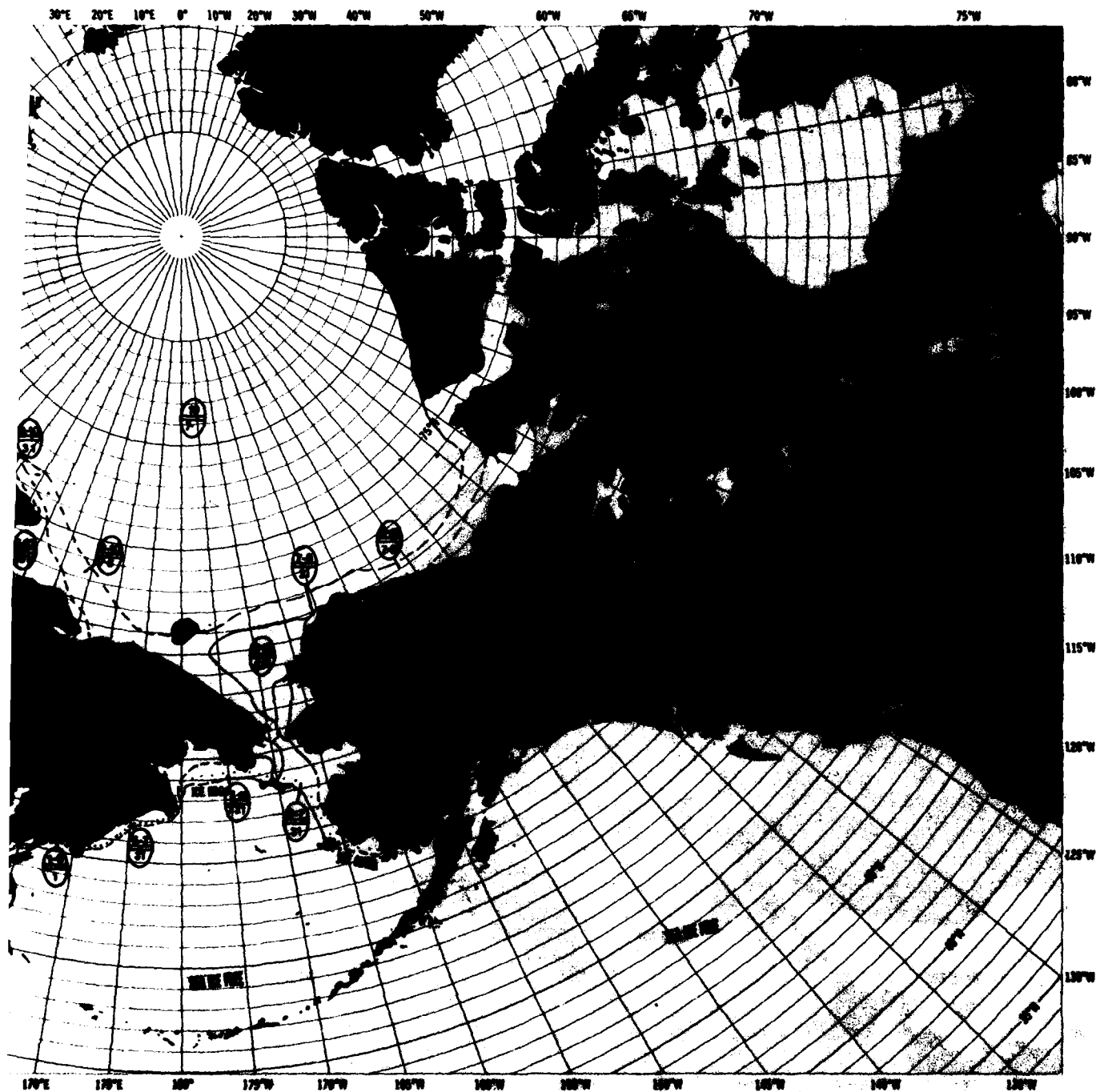


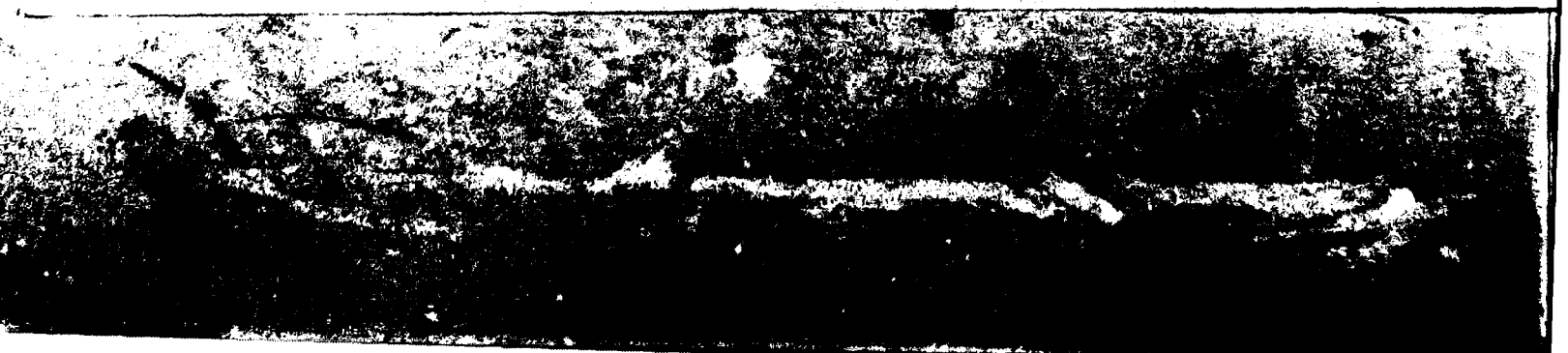
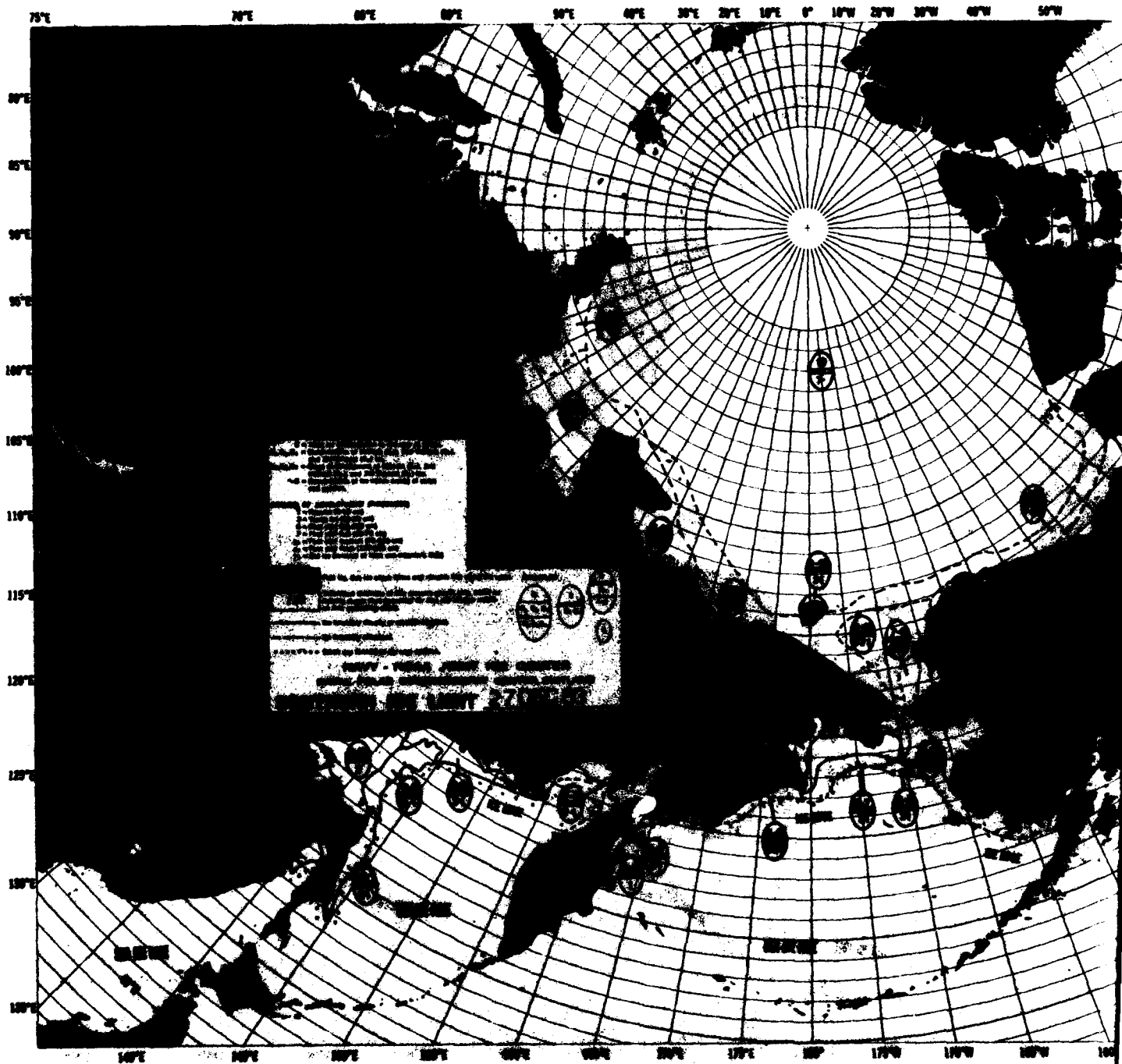


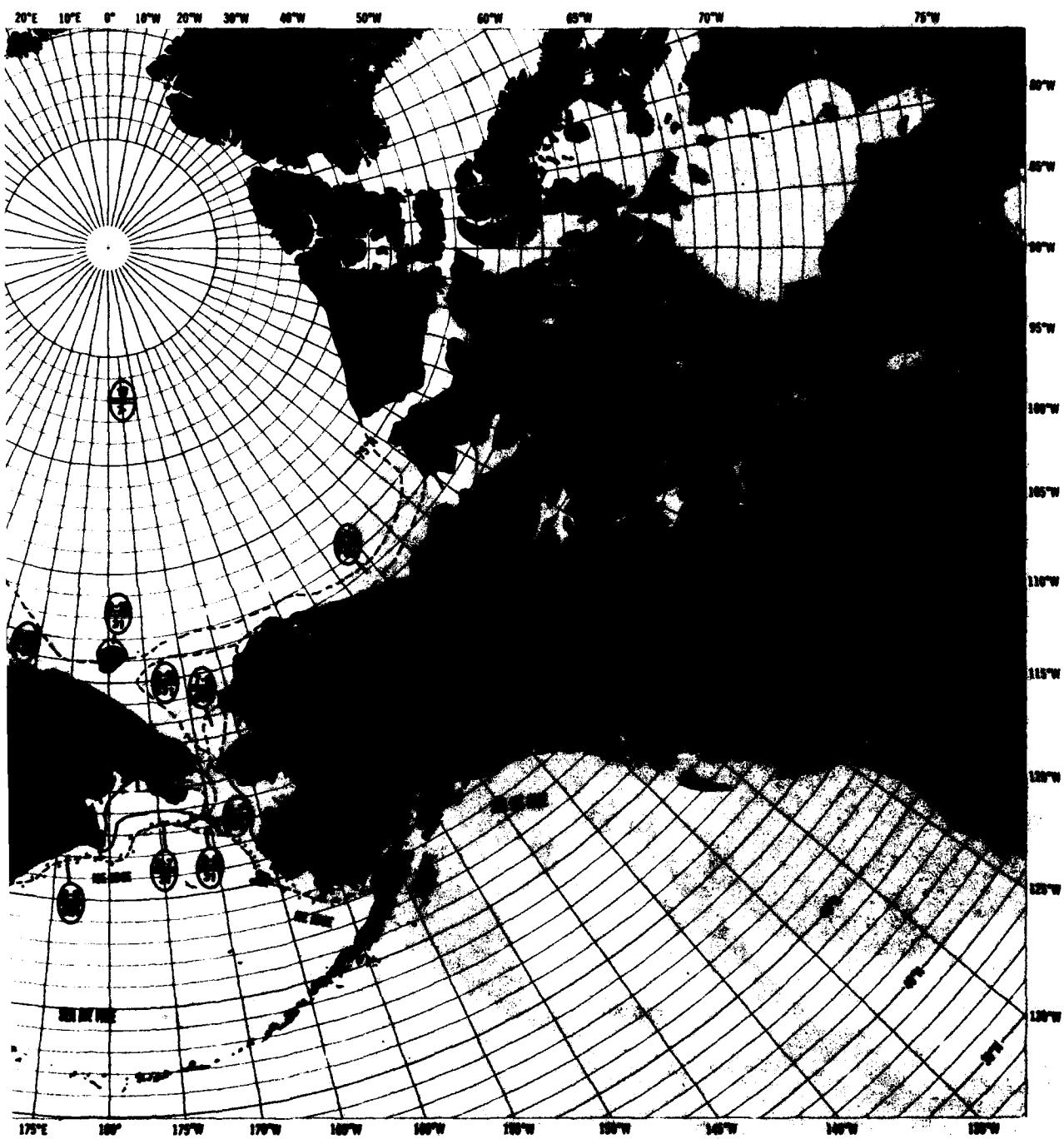












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